



1
00:00:07,849 --> 00:00:06,349
is Mars really red when you see Mars in

2
00:00:10,040 --> 00:00:07,859
the night sky it definitely has a

3
00:00:12,230 --> 00:00:10,050
reddish tint to it people have been

4
00:00:13,970 --> 00:00:12,240
noticing that for a long time even the

5
00:00:16,640 --> 00:00:13,980
ancient Egyptians called Mars the red

6
00:00:18,830 --> 00:00:16,650
one so where does that redness come from

7
00:00:20,540 --> 00:00:18,840
well a lot of rocks on Mars are full of

8
00:00:22,400 --> 00:00:20,550
iron and when they're exposed to the

9
00:00:24,590 --> 00:00:22,410
great outdoors they oxidize and turn

10
00:00:27,200 --> 00:00:24,600
reddish the same way an old bike left

11
00:00:29,120 --> 00:00:27,210
out in the yard gets all rusty when

12
00:00:30,169 --> 00:00:29,130
rusty dust from those rocks gets kicked

13
00:00:32,810 --> 00:00:30,179

up in the atmosphere

14

00:00:34,549 --> 00:00:32,820

it makes the Martian sky look pink from

15

00:00:36,110 --> 00:00:34,559

a long way away the whole planet looks

16

00:00:38,510 --> 00:00:36,120

kind of reddish but if you get a

17

00:00:40,729 --> 00:00:38,520

close-up view with an orbiter Lander or

18

00:00:42,549 --> 00:00:40,739

Rover you'll see that a lot of Mars is

19

00:00:44,569 --> 00:00:42,559

actually more of a butterscotch color

20

00:00:47,240 --> 00:00:44,579

depending on what minerals are around

21

00:00:50,750 --> 00:00:47,250

some landscapes can be more golden brown

22

00:00:52,189 --> 00:00:50,760

tan or even a little greenish so in fact