

Converting Colors

XYZ(33.5143, 31.6341, 4.4545)

Have a look what the booklet for
XYZ(33.5143, 31.6341, 4.4545)
contains.

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Color

**XYZ(33.5143, 31.6341,
4.4545)**

Conversions

Conversions Part 1

Format	Color
Hex	C88E04
RGB	200, 142, 4
RGB Percent	78%, 56%, 2%
CMY	0.2157, 0.4431, 0.9843
CMYK	0.00, 0.29, 0.98, 0.22
HSL	42°, 96%, 40%
HSV	42°, 98%, 78%
XYZ	33.5143, 31.6341, 4.4545
YIQ	143.6100, 78.8660, -30.6220

Conversions

Conversions Part 2

Format	Color
RYB	86, 200, 4
Decimal	13143556
CIELab	63.04, 12.55, 67.36
CIELCh	63, 68.520, 79.445
Yxy	31.6341, 0.4815, 0.4545
Android (android.graphics.Color)	4291333636 (0xFFC88E04)
YUV	143.6100, -68.8277, 49.4540
Hunter-Lab	56.2442, 7.9357, 34.6752

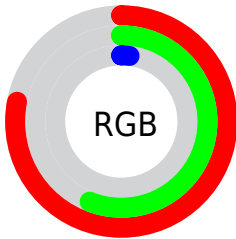
Details

The XYZ color **33.5143, 31.6341, 4.4545** is a dark color, and the websafe version is hex **CC9900**.

The color can be described as dark washed orange. A complement of this color would be **12.1984, 7.6419, 55.4752**, and the grayscale version is **26.5993, 27.9846, 30.4752**.

A 20% lighter version of the original color is **61.9911, 60.7846, 14.9439**, and **14.6424, 13.2297, 1.7819** is the 20% darker color. If you saturate the color by 10%, you get **33.3173, 31.2754, 4.2807**, and if you desaturate by 10%, it is **34.5621, 33.5011, 5.5096**.

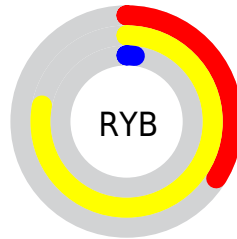
Distribution



Red (78%)

Green (56%)

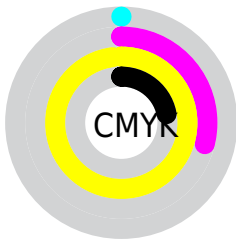
Blue (2%)



Red (34%)

Yellow (78%)

Blue (2%)

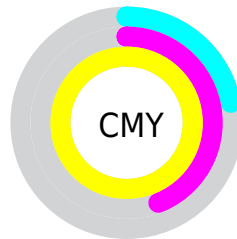


Cyan (0%)

Magenta (29%)

Yellow (98%)

Black (22%)



Cyan (22%)


Magenta (44%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5143, 31.6341, 4.4545 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 33.5143, 31.6341, 4.4545 by changing the saturation by 10% instead.


 33.5143, 31.6341,
4.4545


 33.5143, 31.6341,
4.4545


309.5850,
309.4491, 153.1506


 22.6818, 21.0822,
1.8778

 64.5270, 62.2370,
15.0451

 14.4782, 13.1841,
0.4786


 85.4379, 83.0568,
23.8961

 8.5379, 7.5554,
0.0000


 110.4390,
108.0680, 35.6757

 4.4957, 3.8118,
0.0000

 139.8957,
137.6550, 50.8024

 1.9862, 1.5689,
0.0000

 174.1733,
172.2023, 69.6946

 0.6262, 0.3365,
0.0000

 213.6371,

 0.0000, 0.0000,

212.0941, 92.7711

0.0000

258.6526,
257.7149, 120.4502

33.5143, 31.6341,
4.4545

33.5143, 31.6341,
4.4545

33.3173, 31.2754,
4.2807

34.5621, 33.5011,
5.5096

35.8035, 35.5202,
7.3531

37.2742, 37.7080,
10.1662

38.9977, 40.0750,
14.0699

40.9943, 42.6305,
19.1679

■ 43.2819, 45.3826,
25.5513

■ 45.8769, 48.3388,
33.3028

■ 48.7942, 51.5061,
42.4976

■ 52.0475, 54.8911,
53.2058

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.4721, 31.6341, 8.1289



33.5143, 31.6341, 4.4545



24.4232, 31.6341, 5.0091

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.5143, 31.6341, 4.4545



15.9997, 31.6341, 54.7973



46.0645, 31.6341, 80.4714

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



33.5143, 31.6341, 4.4545



12.1984, 7.6419, 55.4752

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



36.5201, 31.6341, 110.3365



33.5143, 31.6341, 4.4545



19.7472, 31.6341, 90.9206

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33.5143, 31.6341, 4.4545



15.5265, 31.6341, 25.7767



26.8651, 31.6341, 114.9284



51.6606, 31.6341, 44.8647

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33.5143, 31.6341, 4.4545



19.9513, 31.6341, 7.8844



26.8651, 31.6341, 114.9284



43.1289, 31.6341, 92.1615

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



33.5150, 31.6357, 4.4551



78.7579, 82.9428, 55.6015



24.7546, 12.7231, 5.8257



16.4342, 17.2745, 10.6265



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.5150, 31.6357, 4.4551



57.4693, 53.7187, 7.3398



35.3341, 48.8734, 7.6864



11.2487, 11.8664, 11.2603



21.2655, 20.0482, 2.7489



1.0677, 1.0708, 0.1504

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



12.1984, 7.6419, 55.4752



20.5971, 12.3142, 95.8990



11.4739, 4.7753, 54.9600



10.3082, 10.7905, 13.4570



7.6977, 4.7894, 35.2631



0.4286, 0.3550, 1.6911

Previews

White Background



This preview shows how the XYZ color 33.5143, 31.6341, 4.4545 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 33.5143, 31.6341, 4.4545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.5143, 31.6341, 4.4545

Background



This preview shows how black text looks on a background with the XYZ color 33.5143, 31.6341, 4.4545.



This preview shows how white text looks on a background with the XYZ color 33.5143, 31.6341,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

33.5143, 31.6341, 4.4545

Protanopia

28.6975, 31.6958, 4.9861

Deuteranopia

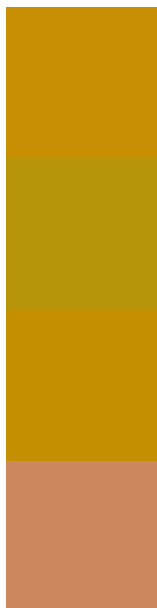
32.1177, 31.5883, 4.4044



Tritanopia

38.5873, 31.5773, 29.6524

Trichromacy



Original Color

33.5143, 31.6341, 4.4545

Protanomaly

30.3307, 31.5841, 4.7849

Deuteranomaly

32.7437, 31.6845, 4.4187

Tritanomaly

35.6378, 31.2184, 14.2727

Monochromacy



Original Color

33.5143, 31.6341, 4.4545

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.1081, 28.3277, 14.3950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5143, 31.6341, 4.4545 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(200, 142, 4)` looks like.

```
.text, #text, p{  
    color:rgb(200, 142, 4)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(200, 142, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 142, 4) }
```

Border

The CSS property to change the border of an element to XYZ 33.5143, 31.6341, 4.4545 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 142, 4) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(200, 142, 4) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(200, 142, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 142, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 142, 4);  
box-shadow:4px 4px 4px 4px rgb(200, 142,  
4) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5143, 31.6341, 4.4545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 142, 4) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(200,  
142, 4) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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