

Converting Colors

XYZ(54.5843, 51.5880, 7.4500)

Have a look what the booklet for
XYZ(54.5843, 51.5880, 7.4500)
contains.

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Color

**XYZ(54.5062, 51.4298,
7.4349)**

Conversions

Conversions Part 1

Format	Color
Hex	F8B10D
RGB	248, 177, 13
RGB Percent	97%, 69%, 5%
CMY	0.0275, 0.3059, 0.9490
CMYK	0.00, 0.29, 0.95, 0.03
HSL	42°, 94%, 51%
HSV	42°, 95%, 97%
XYZ	54.5062, 51.4298, 7.4349
YIQ	179.5330, 94.9600, -35.9520

Conversions

Conversions Part 2

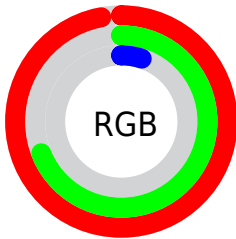
Format	Color
RYB	115, 248, 13
Decimal	16298253
CIELab	76.94, 14.81, 78.49
CIElCh	77, 79.877, 79.316
Yxy	51.4298, 0.4808, 0.4536
Android (android.graphics.Color)	4294488333 (0xFFF8B10D)
YUV	179.5330, -82.1008, 60.0456
Hunter-Lab	71.7146, 10.1673, 44.0534

Details

The XYZ color **54.5062, 51.4298, 7.4349** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **20.2802, 13.2047, 90.2861**, and the grayscale version is **43.5244, 45.7911, 49.8665**.

A 20% lighter version of the original color is **71.7363, 79.6291, 20.1834**, and **27.5833, 25.1063, 3.3922** is the 20% darker color. If you saturate the color by 10%, you get **53.6690, 49.8722, 6.7976**, and if you desaturate by 10%, it is **56.3024, 54.5838, 9.3864**.

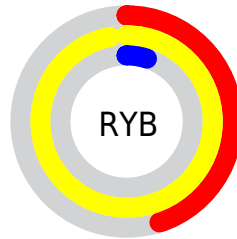
Distribution



Red (97%)

Green (69%)

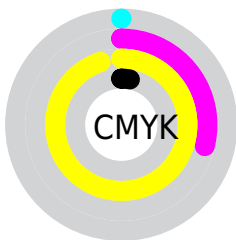
Blue (5%)



Red (45%)

Yellow (97%)

Blue (5%)

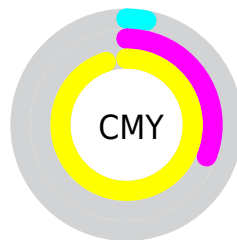


Cyan (0%)

Magenta (29%)

Yellow (95%)

Black (3%)



Cyan (3%)


Magenta (31%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5062, 51.4298, 7.4349 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 54.5062, 51.4298, 7.4349 by changing the saturation by 10% instead.


 54.5062, 51.4298,
7.4349


 54.5062, 51.4298,
7.4349


394.2043,
392.2313, 180.9958


 39.2388, 36.5508,
3.6530


 95.9696, 92.2898,
21.3705

 27.1271, 24.8599,
1.4370


 122.8964,
119.0395, 32.3613


 17.8058, 15.9727,
0.1703


 154.4402,
150.5149, 46.5921

 10.9095, 9.5048,
0.0000


 190.9666,
187.1005, 64.4815

 6.0728, 5.0719,
0.0000

 232.8409,
229.1805, 86.4480

 2.9305, 2.2895,
0.0000

 280.4283,

 1.1171, 0.7681,

277.1394, 112.9102

0.0000

334.0943,
331.3615, 144.2866

■ 0.0394, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5062, 51.4298,
7.4349

■ 54.5062, 51.4298,
7.4349

■ 53.6690, 49.8722,
6.7976

■ 56.3024, 54.5838,
9.3864

■ 58.4454, 58.0065,
12.7624

■ 60.9834, 61.7212,
17.8051

■ 63.9549, 65.7453,
24.7113

67.3930, 70.0938,
33.6498

71.3272, 74.7804,
44.7707

75.7846, 79.8178,
58.2096

80.7896, 85.2176,
74.0912

86.3654, 90.9906,
92.5311

Harmonies

Analogous

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



70.5291, 51.4298, 13.4746



54.5062, 51.4298, 7.4349



39.8340, 51.4298, 8.3167

Triad

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



54.5062, 51.4298, 7.4349



26.1546, 51.4298, 88.5180



74.5782, 51.4298, 130.2504

Complementary

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



54.5062, 51.4298, 7.4349



20.2802, 13.2047, 90.2861

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.



59.2068, 51.4298, 178.0349



54.5062, 51.4298, 7.4349



32.1912, 51.4298, 146.5330

Square

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



54.5062, 51.4298, 7.4349



25.4109, 51.4298, 41.8639



43.6595, 51.4298, 185.1827



83.6143, 51.4298, 73.0022

Rectangle

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



54.5062, 51.4298, 7.4349



32.5975, 51.4298, 12.9838



43.6595, 51.4298, 185.1827



69.8487, 51.4298, 148.9860

Sweetspot

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



54.5073, 51.4324, 7.4359



79.1104, 83.2249, 57.0223



40.5930, 20.9397, 11.0107



16.4961, 17.3188, 10.8918



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.



54.5073, 51.4324, 7.4359



57.1526, 53.0851, 7.2342



58.7943, 80.1310, 12.7493



18.2589, 19.2536, 18.2164



29.1213, 27.1993, 3.7151



2.7902, 2.7052, 0.3751

Inverse Universe

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



20.2802, 13.2047, 90.2861



20.7066, 12.5333, 95.9355



18.7235, 7.9090, 89.3460



16.7105, 17.4979, 21.8820



10.6163, 6.5883, 48.6857



1.0720, 0.7877, 4.5387

Previews

White Background



This preview shows how the XYZ color 54.5062, 51.4298, 7.4349 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 54.5062, 51.4298, 7.4349 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 54.5062, 51.4298, 7.4349

Background



This preview shows how black text looks on a background with the XYZ color 54.5062, 51.4298, 7.4349.



This preview shows how white text looks on a background with the XYZ color 54.5062, 51.4298,

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

54.5062, 51.4298, 7.4349

Protanopia

46.7814, 51.7592, 8.1867

Deuteranopia

52.5969, 51.3433, 7.1381



Tritanopia

62.6309, 51.3446, 48.2045

Trichromacy



Original Color

54.5062, 51.4298, 7.4349

Protanomaly

49.3386, 51.4892, 7.8683

Deuteranomaly

53.4557, 51.4843, 7.2636

Tritanomaly

57.5437, 50.3557, 23.5164

Monochromacy



Original Color

54.5062, 51.4298, 7.4349

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.6267, 46.5512, 24.0860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5062, 51.4298, 7.4349 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(248, 177, 13)` looks like.

```
.text, #text, p{  
    color:rgb(248, 177, 13)  
}
```

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(248, 177, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 177, 13) }
```

Border

The CSS property to change the border of an element to XYZ 54.5062, 51.4298, 7.4349 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(248, 177, 13) }
```


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

```
.border{ border-color:rgb(248, 177, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 177, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 177, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 177, 13);  
box-shadow:4px 4px 4px 4px rgb(248, 177,  
13) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5062, 51.4298, 7.4349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 177, 13) }
```

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

```
.background{ background-color: rgb(248,  
177, 13) }
```

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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