

Converting Colors

XYZ(54.6955, 49.8587, 6.8692)

Have a look what the booklet for
XYZ(54.6955, 49.8587, 6.8692)
contains.

XYZ(54.7297, 49.8300, 6.8485)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.7297, 49.8300,
6.8485)**

Conversions

Conversions Part 1

Format	Color
Hex	FCAB04
RGB	252, 171, 4
RGB Percent	99%, 67%, 2%
CMY	0.0118, 0.3294, 0.9842
CMYK	0.00, 0.32, 0.98, 0.01
HSL	40°, 98%, 50%
HSV	40°, 98%, 99%
XYZ	54.7297, 49.8300, 6.8485
YIQ	176.1810, 101.8830, -34.7650

Conversions

Conversions Part 2

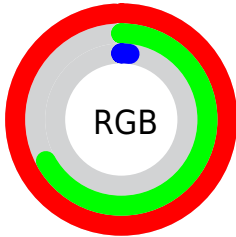
Format	Color
RYB	124, 252, 4
Decimal	16558852
CIELab	75.96, 19.57, 79.02
CIELCh	76, 81.410, 76.089
Yxy	49.8300, 0.4913, 0.4473
Android (android.graphics.Color)	4294748932 (0xFFFCAB04)
YUV	176.1810, -84.8852, 66.4933
Hunter-Lab	70.5904, 14.8604, 43.6611

Details

The XYZ color **54.7297, 49.8300, 6.8485** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **20.8702, 13.5529, 93.6107**, and the grayscale version is **41.7558, 43.9303, 47.8401**.

A 20% lighter version of the original color is **69.9593, 76.2619, 19.0154**, and **27.5831, 24.0125, 3.1811** is the 20% darker color. If you saturate the color by 10%, you get **54.4620, 49.3303, 6.6512**, and if you desaturate by 10%, it is **56.5368, 53.1205, 8.4501**.

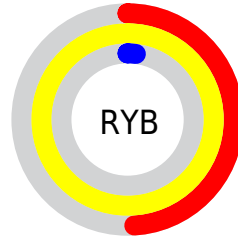
Distribution



Red (99%)

Green (67%)

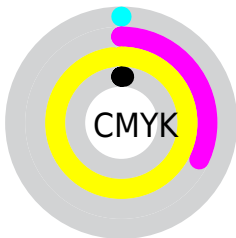
Blue (2%)



Red (49%)

Yellow (99%)

Blue (2%)

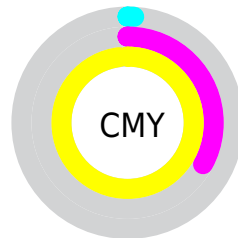


Cyan (0%)

Magenta (32%)

Yellow (98%)

Black (1%)



Cyan (1%)

Magenta (33%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7297, 49.8300, 6.8485 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 54.7297, 49.8300, 6.8485 by changing the saturation by 10% instead.

54.7297, 49.8300,
6.8485

54.7297, 49.8300,
6.8485

395.0396,
386.0008, 175.9818

39.4183, 35.2783,
3.2905

96.2954, 89.9229,
20.1754

27.2675, 23.8774,
1.2448

123.2805,
116.2330, 30.7815

17.9119, 15.2427,
0.0159

154.8876,
147.2314, 44.5739

10.9860, 8.9899,
0.0000

191.4819,
183.3024, 61.9714

6.1247, 4.7346,
0.0000

233.4290,
224.8304, 83.3924

2.9624, 2.0924,
0.0000

281.0940,

1.1339, 0.6603,

272.1999, 109.2554

0.0000

334.8424,
325.7952, 139.9790

■ 0.0532, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7297, 49.8300,
6.8485

■ 54.7297, 49.8300,
6.8485

■ 54.4620, 49.3303,
6.6512

■ 56.5368, 53.1205,
8.4501

■ 58.6901, 56.7051,
11.3937

■ 61.2504, 60.6128,
15.9870

■ 64.2610, 64.8634,
22.4488

67.7584, 69.4742,
30.9642

71.7750, 74.4605,
41.6960

76.3398, 79.8364,
54.7903

81.4798, 85.6150,
70.3806

87.2197, 91.8085,
88.5906

Harmonies

Analogous

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



70.6195, 49.8300, 13.5742



54.7297, 49.8300, 6.8485



39.7268, 49.8300, 7.0574

Triad

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



54.7297, 49.8300, 6.8485



24.4930, 49.8300, 80.8672



71.6476, 49.8300, 135.3055

Complementary

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



54.7297, 49.8300, 6.8485



20.8702, 13.5529, 93.6107

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.



55.9175, 49.8300, 180.6811



54.7297, 49.8300, 6.8485



29.8696, 49.8300, 139.4765

Square

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



54.7297, 49.8300, 6.8485



24.3086, 49.8300, 36.5422



40.6870, 49.8300, 182.5199



81.7083, 49.8300, 76.9310

Rectangle

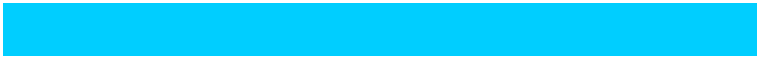
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.7297, 49.8300, 6.8485



32.1690, 49.8300, 10.8673



40.6870, 49.8300, 182.5199



66.7134, 49.8300, 153.6867

Sweetspot

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



54.7308, 49.8325, 6.8494



77.6271, 81.0962, 53.9449



41.8954, 21.4654, 10.8833



16.1853, 16.8546, 10.3033



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.



54.7308, 49.8325, 6.8494



55.9384, 50.6567, 6.8295



61.6014, 83.4291, 12.9721



18.2217, 19.1792, 18.2040



28.5102, 25.9771, 3.5114



2.7371, 2.5990, 0.3574

Inverse Universe

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



20.8702, 13.5529, 93.6107



21.1651, 13.4502, 96.0884



18.7118, 7.6813, 92.5911



16.7460, 17.5688, 21.8938



10.8554, 7.0663, 48.7654



1.0977, 0.8390, 4.5473

Previews

White Background



This preview shows how the XYZ color 54.7297, 49.8300, 6.8485 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 54.7297, 49.8300, 6.8485 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 54.7297, 49.8300, 6.8485

Background



This preview shows how black text looks on a background with the XYZ color 54.7297, 49.8300, 6.8485.



This preview shows how white text looks on a background with the XYZ color 54.7297, 49.8300,

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

54.7297, 49.8300, 6.8485

Protanopia

45.2358, 50.0040, 7.7979

Deuteranopia

50.8454, 49.8453, 6.9413



Tritanopia

61.4313, 49.7283, 45.3905

Trichromacy



Original Color

54.7297, 49.8300, 6.8485

Protanomaly

48.4729, 49.8133, 7.4080

Deuteranomaly

51.9534, 49.5394, 6.8525

Tritanomaly

57.1974, 49.1288, 21.5071

Monochromacy



Original Color

54.7297, 49.8300, 6.8485

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.0185, 44.3017, 21.9066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7297, 49.8300, 6.8485 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(252, 171, 4)` looks like.

```
.text, #text, p{  
    color:rgb(252, 171, 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(252, 171, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 171, 4) }
```

Border

The CSS property to change the border of an element to XYZ 54.7297, 49.8300, 6.8485 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(252, 171, 4) }
```


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

```
.border{ border-color:rgb(252, 171, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 171, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 171, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 171, 4);  
box-shadow:4px 4px 4px 4px rgb(252, 171,  
4) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7297, 49.8300, 6.8485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 171, 4) }
```

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

```
.background{ background-color: rgb(252,  
171, 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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