

Converting Colors

XYZ(54.2836, 51.5131, 11.5547)

Have a look what the booklet for
XYZ(54.2836, 51.5131, 11.5547)
contains.

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Color

**XYZ(54.4189, 51.5902,
11.5046)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B23D
RGB	245, 178, 61
RGB Percent	96%, 70%, 24%
CMY	0.0392, 0.3019, 0.7608
CMYK	0.00, 0.27, 0.75, 0.04
HSL	38°, 90%, 60%
HSV	38°, 75%, 96%
XYZ	54.4189, 51.5902, 11.5046
YIQ	184.6950, 77.4890, -22.1830

Conversions

Conversions Part 2

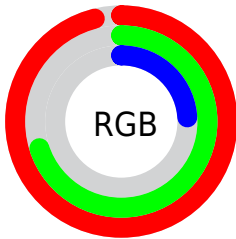
Format	Color
RYB	166, 245, 61
Decimal	16101949
CIELab	77.04, 14.17, 65.85
CIELCh	77, 67.362, 77.856
Yxy	51.5902, 0.4631, 0.4390
Android (android.graphics.Color)	4294292029 (0xFFFF5B23D)
YUV	184.6950, -60.9816, 52.8875
Hunter-Lab	71.8263, 9.5437, 40.7818

Details

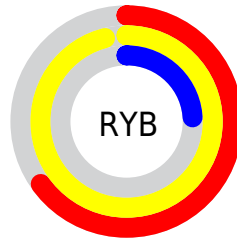
The XYZ color **54.4189, 51.5902, 11.5046** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **26.1247, 23.0222, 89.4524**, and the grayscale version is **46.2438, 48.6521, 52.9821**.

A 20% lighter version of the original color is **73.8152, 81.3666, 28.3378**, and **27.2280, 25.1121, 3.4120** is the 20% darker color. If you saturate the color by 10%, you get **52.1862, 47.9509, 8.2146**, and if you desaturate by 10%, it is **57.0706, 55.5860, 16.4209**.

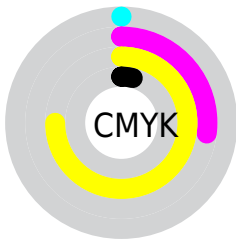
Distribution



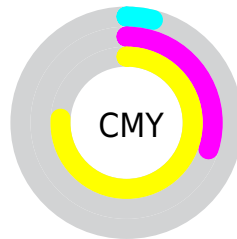
- Red (96%)
- Green (70%)
- Blue (24%)



- Red (65%)
- Yellow (96%)
- Blue (24%)



- Cyan (0%)
- Magenta (27%)
- Yellow (75%)
- Black (4%)




- Cyan (4%)
- Magenta (30%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4189, 51.5902, 11.5046 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 54.4189, 51.5902, 11.5046 by changing the saturation by 10% instead.


 54.4189, 51.5902,
11.5046


 54.4189, 51.5902,
11.5046


393.8777,
392.8525, 211.9576

 39.1687, 36.6785,
6.2889


 95.8423, 92.5266,
29.2403


 27.0723, 24.9587,
2.9499


 122.7462,
119.3201, 42.5975


 17.7644, 16.0463,
1.0691


 154.2654,
150.8430, 59.5054

 10.8796, 9.5569,
0.0000

 190.7652,
187.4797, 80.3829

 6.0526, 5.1062,
0.0000

 232.6110,
229.6147, 105.6483

 2.9181, 2.3097,
0.0000

280.1681,

 1.1106, 0.7788,

277.6322, 135.7202

0.0000

333.8019,
331.9166, 171.0171

■ 0.0340, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4189, 51.5902,
11.5046

■ 54.4189, 51.5902,
11.5046

■ 52.1862, 47.9509,
8.2146

■ 57.0706, 55.5860,
16.4209


■ 50.3219, 44.6381,
6.3117


■ 60.1762, 59.9493,
23.1527


■ 49.5101, 43.1206,
5.7136


■ 63.7701, 64.6994,
31.8661


■ 67.8820, 69.8512,
42.7074

 72.5389, 75.4188,
55.8091

 77.7658, 81.4151,
71.2927

 83.5856, 87.8524,
89.2711

 89.6961, 94.6126,
108.1423

 91.4659, 98.1523,
108.7323

Harmonies

Analogous

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



67.5544, 51.5902, 18.3432



54.4189, 51.5902, 11.5046



41.8415, 51.5902, 12.1506

Triad

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



54.4189, 51.5902, 11.5046



29.0750, 51.5902, 80.7872



69.7336, 51.5902, 118.2952

Complementary

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



54.4189, 51.5902, 11.5046



26.1247, 23.0222, 89.4524

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.



57.0089, 51.5902, 154.0447



54.4189, 51.5902, 11.5046



34.2531, 51.5902, 126.6801

Square

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



54.4189, 51.5902, 11.5046



28.6274, 51.5902, 42.5623



44.0183, 51.5902, 157.6491



77.3767, 51.5902, 72.4138

Rectangle

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



54.4189, 51.5902, 11.5046



35.3800, 51.5902, 16.7764



44.0183, 51.5902, 157.6491



65.8163, 51.5902, 132.6226

Sweetspot

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



54.4201, 51.5928, 11.5056



80.5657, 83.9055, 64.3828



43.2521, 24.3211, 22.9991



16.8241, 17.4678, 12.5643



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.



54.4201, 51.5928, 11.5056



56.0669, 50.6244, 7.7647



63.1512, 80.9299, 16.7080



17.3778, 18.2397, 17.4023



26.8086, 23.5028, 3.1235



2.4538, 2.2608, 0.3070

Inverse Universe

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



26.1247, 23.0222, 89.4524



23.9385, 18.3833, 96.8944



21.9455, 11.8869, 87.5234



16.0751, 16.9145, 20.9602



10.9325, 7.6589, 47.4401



1.0551, 0.8616, 4.2009

Previews

White Background



This preview shows how the XYZ color 54.4189, 51.5902, 11.5046 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 54.4189, 51.5902, 11.5046 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 54.4189, 51.5902, 11.5046

Background



This preview shows how black text looks on a background with the XYZ color 54.4189, 51.5902, 11.5046.



This preview shows how white text looks on a background with the XYZ color 54.4189, 51.5902,

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

54.4189, 51.5902, 11.5046

Protanopia

46.9968, 51.7779, 12.3676

Deuteranopia

52.9361, 51.7247, 11.4688



Tritanopia

62.4634, 51.7748, 49.3492

Trichromacy



Original Color

54.4189, 51.5902, 11.5046

Protanomaly

49.5074, 51.4842, 12.0308

Deuteranomaly

53.4125, 51.6695, 11.4330

Tritanomaly

58.4312, 51.2274, 30.1008

Monochromacy



Original Color

54.4189, 51.5902, 11.5046

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.1937, 48.6147, 31.7072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4189, 51.5902, 11.5046 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(245, 178, 61)` looks like.

```
.text, #text, p{  
    color:rgb(245, 178, 61)  
}
```

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(245, 178, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 178, 61) }
```

Border

The CSS property to change the border of an element to XYZ 54.4189, 51.5902, 11.5046 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(245, 178, 61) }
```


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

```
.border{ border-color:rgb(245, 178, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 178, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 178, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 178, 61);  
box-shadow:4px 4px 4px 4px rgb(245, 178,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4189, 51.5902, 11.5046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 178, 61) }
```

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

```
.background{ background-color: rgb(245,  
178, 61) }
```

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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