

Converting Colors

XYZ(58.2647, 54.3534, 10.5523)

Have a look what the booklet for
XYZ(58.2647, 54.3534, 10.5523)
contains.

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Color

**XYZ(58.3614, 54.5468,
10.5846)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB533
RGB	255, 181, 51
RGB Percent	100%, 71%, 20%
CMY	0.0000, 0.2902, 0.8000
CMYK	0.00, 0.29, 0.80, 0.00
HSL	38°, 100%, 60%
HSV	38°, 80%, 100%
XYZ	58.3614, 54.5468, 10.5846
YIQ	188.3060, 85.8340, -24.7420

Conversions

Conversions Part 2

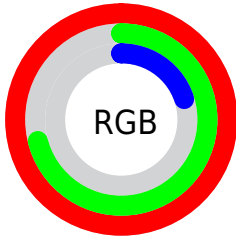
Format	Color
RYB	167, 255, 51
Decimal	16758067
CIELab	78.78, 16.45, 71.45
CIElCh	79, 73.320, 77.039
Yxy	54.5468, 0.4726, 0.4417
Android (android.graphics.Color)	4294948147 (0xFFFFB533)
YUV	188.3060, -67.6919, 58.4906
Hunter-Lab	73.8558, 11.8044, 43.2020

Details

The XYZ color **58.3614, 54.5468, 10.5846** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **26.7486, 22.5903, 97.5575**, and the grayscale version is **48.3146, 50.8307, 55.3546**.

A 20% lighter version of the original color is **74.2310, 82.9111, 26.2784**, and **29.7115, 26.7758, 3.6023** is the 20% darker color. If you saturate the color by 10%, you get **56.1271, 50.7452, 7.7851**, and if you desaturate by 10%, it is **61.0308, 58.7268, 15.0486**.

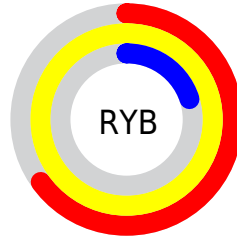
Distribution



Red (100%)

Green (71%)

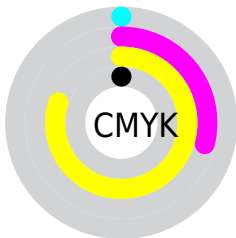
Blue (20%)



Red (65%)

Yellow (100%)

Blue (20%)

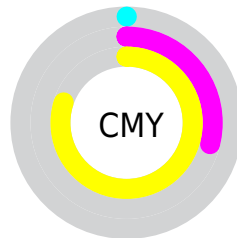


Cyan (0%)

Magenta (29%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3614, 54.5468, 10.5846 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 58.3614, 54.5468, 10.5846 by changing the saturation by 10% instead.

58.3614, 54.5468,
10.5846

58.3614, 54.5468,
10.5846

408.4634,
404.1917, 205.4291

42.3436, 39.0390,
5.6776

101.5689, 96.8766,
27.5142

29.5628, 26.7901,
2.5845

129.4894,
124.4674, 40.3740

19.6534, 17.4156,
0.8844

162.1081,
156.8547, 56.7217

12.2501, 10.5313,
0.0000

199.7905,
194.4228, 76.9759

6.9877, 5.7526,
0.0000

242.9018,
237.5562, 101.5553

3.5007, 2.6952,
0.0000

291.8075,

1.4237, 0.9748,

286.6392, 130.8782

0.0000

346.8730,
342.0562, 165.3633

■ 0.2730, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3614, 54.5468,
10.5846

■ 58.3614, 54.5468,
10.5846

■ 56.1271, 50.7452,
7.7851

■ 61.0308, 58.7268,
15.0486

■ 54.2498, 47.2801,
6.2668

■ 64.1781, 63.2991,
21.4071

■ 54.2494, 47.2794,
6.2666

■ 67.8438, 68.2860,
29.8564

■ 72.0623, 73.7048,
40.5674

■ 76.8647, 79.5713,
53.6932

■ 82.2796, 85.9004,
69.3734

■ 88.3334, 92.7058,
87.7369

95.0496, 99.9998,
108.9000

Harmonies

Analogous

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



73.2904, 54.5468, 17.9950



58.3614, 54.5468, 10.5846



44.0882, 54.5468, 11.0577

Triad

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



58.3614, 54.5468, 10.5846



29.4738, 54.5468, 86.0324



75.0738, 54.5468, 132.2321

Complementary

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



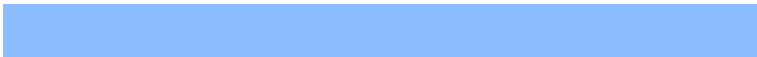
58.3614, 54.5468, 10.5846



26.7486, 22.5903, 97.5575

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.



60.4623, 54.5468, 173.3064



58.3614, 54.5468, 10.5846



35.0534, 54.5468, 139.2098

Square

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



58.3614, 54.5468, 10.5846



29.1224, 54.5468, 43.2054



45.8328, 54.5468, 176.3303



84.0835, 54.5468, 79.1879

Rectangle

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



58.3614, 54.5468, 10.5846



36.7829, 54.5468, 15.7047



45.8328, 54.5468, 176.3303



70.5428, 54.5468, 148.7896

Sweetspot

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



58.3626, 54.5495, 10.5856



80.0380, 83.3117, 62.7836



46.1769, 25.1292, 22.0887



16.7223, 17.3523, 12.2584



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.



58.3626, 54.5495, 10.5856



54.9698, 48.6302, 6.7822



68.2888, 88.2197, 16.5615



18.9747, 19.9176, 18.9887



28.4937, 24.9986, 3.3234



2.8782, 2.6418, 0.3582

Inverse Universe

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



26.7486, 22.5903, 97.5575



22.6388, 16.2081, 96.5430



22.3925, 11.2164, 95.5917



17.5423, 18.4563, 22.8878



11.5824, 8.0744, 50.3826



1.2272, 0.9850, 4.9387

Previews

White Background



This preview shows how the XYZ color 58.3614, 54.5468, 10.5846 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 58.3614, 54.5468, 10.5846 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 58.3614, 54.5468, 10.5846

Background



This preview shows how black text looks on a background with the XYZ color 58.3614, 54.5468, 10.5846.



This preview shows how white text looks on a background with the XYZ color 58.3614, 54.5468,

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

58.3614, 54.5468, 10.5846

Protanopia

49.6429, 54.8158, 11.5785

Deuteranopia

55.9094, 54.5125, 10.4810



Tritanopia

64.8353, 54.6078, 52.4706

Trichromacy



Original Color

58.3614, 54.5468, 10.5846

Protanomaly

52.5754, 54.6838, 11.2740

Deuteranomaly

56.7831, 54.6510, 10.5735

Tritanomaly

61.2093, 54.0882, 30.5065

Monochromacy



Original Color

58.3614, 54.5468, 10.5846

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.0878, 50.5300, 31.2108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3614, 54.5468, 10.5846 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(255, 181, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 51)  
}
```

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(255, 181, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 51) }
```

Border

The CSS property to change the border of an element to XYZ 58.3614, 54.5468, 10.5846 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(255, 181, 51) }
```


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

```
.border{ border-color:rgb(255, 181, 51) }
```

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

Here you see how a box with a 4 pixel rgb(255, 181, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3614, 54.5468, 10.5846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 51) }
```

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

```
.background{ background-color: rgb(255,  
181, 51) }
```

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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