

Converting Colors

XYZ(58.0051, 54.6089, 8.0774)

Have a look what the booklet for
XYZ(58.0051, 54.6089, 8.0774)
contains.

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Color

**XYZ(58.0855, 54.7629,
8.1250)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB613
RGB	255, 182, 19
RGB Percent	100%, 71%, 7%
CMY	0.0000, 0.2862, 0.9254
CMYK	0.00, 0.29, 0.93, 0.00
HSL	41°, 100%, 54%
HSV	41°, 93%, 100%
XYZ	58.0855, 54.7629, 8.1250
YIQ	185.2450, 95.8310, -35.2170

Conversions

Conversions Part 2

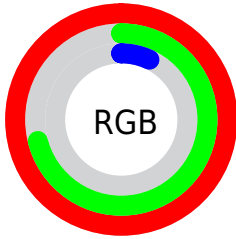
Format	Color
R_{YB}	125, 255, 19
Decimal	16758291
CIE Lab	78.90, 15.24, 79.43
CIE LCh	79, 80.875, 79.142
Yxy	54.7629, 0.4802, 0.4527
Android (android.graphics.Color)	4294948371 (0xFFFFB613)
YUV	185.2450, -81.9588, 61.1751
Hunter-Lab	74.0020, 10.6045, 45.2917

Details

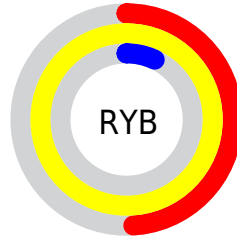
The XYZ color **58.0855, 54.7629, 8.1250** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **22.1463, 15.0138, 96.3377**, and the grayscale version is **46.6577, 49.0876, 53.4564**.

A 20% lighter version of the original color is **73.5760, 83.1137, 21.3972**, and **29.5885, 26.9070, 3.6341** is the 20% darker color. If you saturate the color by 10%, you get **56.7897, 52.3599, 7.1133**, and if you desaturate by 10%, it is **60.0946, 58.2267, 10.5054**.

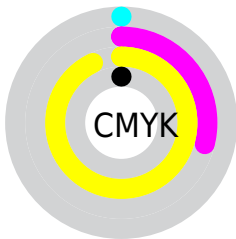
Distribution



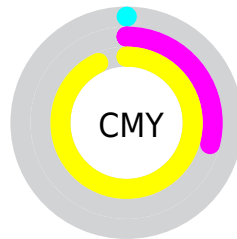
- Red (100%)
- Green (71%)
- Blue (7%)



- Red (49%)
- Yellow (100%)
- Blue (7%)



- Cyan (0%)
- Magenta (29%)
- Yellow (93%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0855, 54.7629, 8.1250 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 58.0855, 54.7629, 8.1250 by changing the saturation by 10% instead.


 58.0855, 54.7629,
8.1250

 58.0855, 54.7629,
8.1250


407.4532,
405.0125, 186.6802


 42.1209, 39.2119,
4.0861


 101.1696, 97.1935,
22.7533

 29.3875, 26.9246,
1.6727


 129.0198,
124.8419, 34.1799


 19.5199, 17.5166,
0.3419


 161.5627,
157.2915, 48.9060

 12.1528, 10.6035,
0.0000

 199.1634,
194.9268, 67.3504

 6.9208, 5.8009,
0.0000

 242.1875,
238.1322, 89.9314

 3.4585, 2.7244,
0.0000

 291.0003,

 1.4006, 0.9896,

287.2920, 117.0677

0.0000

345.9670,
342.7907, 149.1778

■ 0.2567, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0855, 54.7629,
8.1250

■ 58.0855, 54.7629,
8.1250

■ 56.7897, 52.3599,
7.1133

■ 60.0946, 58.2267,
10.5054

■ 62.4898, 61.9906,
14.4684

■ 65.3204, 66.0788,
20.2610

■ 68.6261, 70.5095,
28.0861

72.4417, 75.2986,
38.1199

76.7983, 80.4608,
50.5191

81.7240, 86.0094,
65.4262

87.2451, 91.9569,
82.9724

93.3857, 98.3151,
103.2794

Harmonies

Analogous

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



74.9714, 54.7629, 14.6398



58.0855, 54.7629, 8.1250



42.5695, 54.7629, 9.0321

Triad

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



58.0855, 54.7629, 8.1250



27.9936, 54.7629, 93.5716



79.0653, 54.7629, 138.1857

Complementary

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



58.0855, 54.7629, 8.1250



22.1463, 15.0138, 96.3377

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.



62.8440, 54.7629, 188.2258



58.0855, 54.7629, 8.1250



34.3538, 54.7629, 154.6111

Square

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



58.0855, 54.7629, 8.1250



27.2372, 54.7629, 44.4744



46.4487, 54.7629, 195.4286



88.6376, 54.7629, 77.8822

Rectangle

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



58.0855, 54.7629, 8.1250



34.8938, 54.7629, 13.9822



46.4487, 54.7629, 195.4286



74.0713, 54.7629, 157.8472

Sweetspot

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



58.0867, 54.7657, 8.1260



78.9648, 82.9339, 56.9738



43.4816, 22.5296, 12.5861



16.4608, 17.2482, 10.8800



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.



58.0867, 54.7657, 8.1260



56.7902, 52.3603, 7.1134



62.9525, 85.5242, 13.8066



19.0594, 20.0869, 19.0170



29.8129, 27.6371, 3.7632



3.0000, 2.8853, 0.3988

Inverse Universe

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



22.1463, 15.0138, 96.3377



20.8369, 12.7937, 95.9790



20.2870, 8.7193, 95.2207



17.4613, 18.2941, 22.8608



11.0035, 6.9165, 50.1897



1.1635, 0.8578, 4.9175

Previews

White Background



This preview shows how the XYZ color 58.0855, 54.7629, 8.1250 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 58.0855, 54.7629, 8.1250 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 58.0855, 54.7629, 8.1250

Background



This preview shows how black text looks on a background with the XYZ color 58.0855, 54.7629, 8.1250.



This preview shows how white text looks on a background with the XYZ color 58.0855, 54.7629,

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

58.0855, 54.7629, 8.1250

Protanopia

49.7236, 54.9180, 8.8437

Deuteranopia

55.9893, 54.9210, 8.0306



Tritanopia

64.8353, 54.6078, 52.4706

Trichromacy



Original Color

58.0855, 54.7629, 8.1250

Protanomaly

52.3799, 54.6432, 8.5455

Deuteranomaly

56.8595, 55.0564, 8.0821

Tritanomaly

60.4034, 53.7659, 26.2630

Monochromacy



Original Color

58.0855, 54.7629, 8.1250

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.4205, 49.4633, 26.4501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0855, 54.7629, 8.1250 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, 182, 19)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 19)  
}
```

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, 182, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 19) }
```

Border

The CSS property to change the border of an element to XYZ 58.0855, 54.7629, 8.1250 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, 182, 19) }
```


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

```
.border{ border-color:rgb(255, 182, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 19);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0855, 54.7629, 8.1250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 19) }
```

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

```
.background{ background-color: rgb(255,  
182, 19) }
```

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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