

Converting Colors

XYZ(58.4663, 55.4034, 10.4089)

Have a look what the booklet for
XYZ(58.4663, 55.4034, 10.4089)
contains.

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Color

**XYZ(58.5470, 55.5652,
10.4357)**

Conversions

Conversions Part 1

Format	Color
Hex	FEB830
RGB	254, 184, 48
RGB Percent	100%, 72%, 19%
CMY	0.0039, 0.2784, 0.8117
CMYK	0.00, 0.28, 0.81, 0.00
HSL	40°, 99%, 59%
HSV	40°, 81%, 100%
XYZ	58.5470, 55.5652, 10.4357
YIQ	189.4260, 85.3760, -27.4560

Conversions

Conversions Part 2

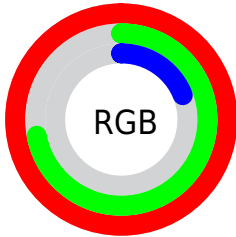
Format	Color
RYB	154, 254, 48
Decimal	16693296
CIELab	79.37, 14.37, 72.90
CIELCh	79, 74.299, 78.850
Yxy	55.5652, 0.4701, 0.4461
Android (android.graphics.Color)	4294883376 (0xFFFE830)
YUV	189.4260, -69.7230, 56.6314
Hunter-Lab	74.5421, 9.7493, 43.8790

Details

The XYZ color **58.5470, 55.5652, 10.4357** 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 **25.5865, 20.7405, 96.4199**, and the grayscale version is **48.9685, 51.5187, 56.1039**.

A 20% lighter version of the original color is **75.0016, 84.6208, 26.0161**, and **29.8545, 27.4391, 3.7228** is the 20% darker color. If you saturate the color by 10%, you get **56.4268, 51.9377, 7.8410**, and if you desaturate by 10%, it is **61.0787, 59.5369, 14.6466**.

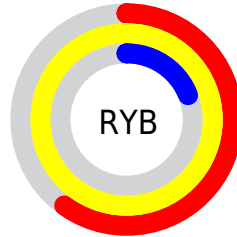
Distribution



Red (100%)

Green (72%)

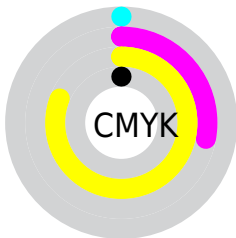
Blue (19%)



Red (60%)

Yellow (100%)

Blue (19%)

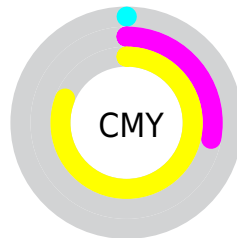


Cyan (0%)

Magenta (28%)

Yellow (81%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5470, 55.5652, 10.4357 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 58.5470, 55.5652, 10.4357 by changing the saturation by 10% instead.


 58.5470, 55.5652,
10.4357

 58.5470, 55.5652,
10.4357


409.1422,
408.0508, 204.3506


 42.4935, 39.8544,
5.5794


 101.8374, 98.3686,
27.2324


 29.6807, 27.4251,
2.5265


 129.8050,
126.2299, 40.0098


 19.7432, 17.8927,
0.8541


 162.4747,
158.9103, 56.2648

 12.3157, 10.8730,
0.0000

 200.2119,
196.7941, 76.4157

 7.0328, 5.9815,
0.0000

 243.3819,
240.2656, 100.8813

 3.5291, 2.8338,
0.0000

 292.3500,

 1.4394, 1.0456,

289.7093, 130.0799

0.0000

347.4817,
345.5096, 164.4301

■ 0.2840, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5470, 55.5652,
10.4357

■ 58.5470, 55.5652,
10.4357

■ 56.4268, 51.9377,
7.8410


■ 61.0787, 59.5369,
14.6466


■ 54.8192, 48.9637,
6.5617


■ 64.0646, 63.8660,
20.7064


■ 67.5452, 68.5739,
28.8129

■ 71.5546, 73.6772,
39.1375

 76.1235, 79.1910,
51.8332

 81.2801, 85.1292,
67.0396

 87.0503, 91.5049,
84.8853

 93.4585, 98.3304,
105.4899

 94.6827, 99.8106,
108.8828

Harmonies

Analogous

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



73.9881, 55.5652, 17.3736



58.5470, 55.5652, 10.4357



44.0904, 55.5652, 11.3441

Triad

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



58.5470, 55.5652, 10.4357



30.0827, 55.5652, 91.0564



77.4450, 55.5652, 132.1097

Complementary

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



58.5470, 55.5652, 10.4357



25.5865, 20.7405, 96.4199

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.



62.6164, 55.5652, 176.0434



58.5470, 55.5652, 10.4357



36.1208, 55.5652, 145.6550

Square

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



58.5470, 55.5652, 10.4357



29.4040, 55.5652, 45.9860



47.4663, 55.5652, 181.9170



86.1876, 55.5652, 77.7882

Rectangle

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



58.5470, 55.5652, 10.4357



36.8089, 55.5652, 16.4685



47.4663, 55.5652, 181.9170



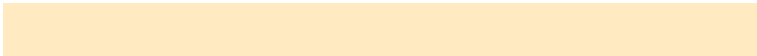
72.8907, 55.5652, 149.4905

Sweetspot

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



58.5483, 55.5680, 10.4368



80.4365, 84.1088, 62.9164



45.3263, 24.5436, 20.1506



16.8185, 17.5447, 12.2905



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.



58.5483, 55.5680, 10.4368



55.8365, 50.3860, 7.0022



66.4374, 86.8003, 16.0494



19.0110, 19.9902, 19.0008



29.0439, 26.0990, 3.5068



2.9293, 2.7439, 0.3752

Inverse Universe

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



25.5865, 20.7405, 96.4199



21.9464, 14.8707, 96.3214



22.1629, 10.9282, 94.7064



17.5074, 18.3865, 22.8762



11.3208, 7.5512, 50.2954



1.1988, 0.9283, 4.9293

Previews

White Background



This preview shows how the XYZ color 58.5470, 55.5652, 10.4357 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 58.5470, 55.5652, 10.4357 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 58.5470, 55.5652, 10.4357

Background



This preview shows how black text looks on a background with the XYZ color 58.5470, 55.5652, 10.4357.



This preview shows how white text looks on a background with the XYZ color 58.5470, 55.5652,

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

58.5470, 55.5652, 10.4357

Protanopia

50.3826, 55.5437, 11.1975

Deuteranopia

56.9948, 55.7023, 10.4370



Tritanopia

65.4329, 55.4651, 53.7115

Trichromacy



Original Color

58.5470, 55.5652, 10.4357

Protanomaly

53.0296, 55.2532, 10.8876

Deuteranomaly

57.4963, 55.6470, 10.3999

Tritanomaly

61.6043, 54.8784, 30.6382

Monochromacy



Original Color

58.5470, 55.5652, 10.4357

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.7983, 51.5218, 31.3648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5470, 55.5652, 10.4357 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(254, 184, 48)` looks like.

```
.text, #text, p{  
    color:rgb(254, 184, 48)  
}
```

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(254, 184, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 184, 48) }
```

Border

The CSS property to change the border of an element to XYZ 58.5470, 55.5652, 10.4357 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(254, 184, 48) }
```


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

```
.border{ border-color:rgb(254, 184, 48) }
```

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

Here you see how a box with a 4 pixel rgb(254, 184, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 184, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 184, 48);  
box-shadow:4px 4px 4px 4px rgb(254, 184,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5470, 55.5652, 10.4357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 184, 48) }
```

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

```
.background{ background-color: rgb(254,  
184, 48) }
```

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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