

Converting Colors

XYZ(59.4550, 57.9230, 10.8429)

Have a look what the booklet for
XYZ(59.4550, 57.9230, 10.8429)
contains.

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Color

**XYZ(59.4550, 57.9230,
10.8429)**

Conversions

Conversions Part 1

Format	Color
Hex	FDBE30
RGB	253, 190, 48
RGB Percent	99%, 75%, 19%
CMY	0.0078, 0.2549, 0.8117
CMYK	0.00, 0.25, 0.81, 0.01
HSL	42°, 98%, 59%
HSV	42°, 81%, 99%
XYZ	59.4550, 57.9230, 10.8429
YIQ	192.6490, 83.1300, -30.8060

Conversions

Conversions Part 2

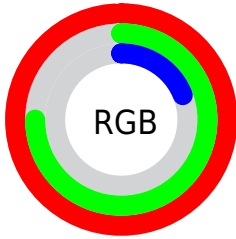
Format	Color
R _Y B	139, 253, 48
Decimal	16629296
CIE Lab	80.70, 10.82, 74.01
CIE LCh	81, 74.802, 81.681
Yxy	57.9230, 0.4637, 0.4517
Android (android.graphics.Color)	4294819376 (0xFFFD _B E30)
YUV	192.6490, -71.3120, 52.9278
Hunter-Lab	76.1072, 6.2569, 44.8280

Details

The XYZ color **59.4550, 57.9230, 10.8429** 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 **24.6329, 19.0887, 95.3140**, and the grayscale version is **50.8552, 53.5037, 58.2655**.

A 20% lighter version of the original color is **76.8496, 88.2331, 26.8902**, and **30.4315, 28.9677, 3.9874** is the 20% darker color. If you saturate the color by 10%, you get **57.4351, 54.4944, 8.2865**, and if you desaturate by 10%, it is **61.8646, 61.6559, 14.9967**.

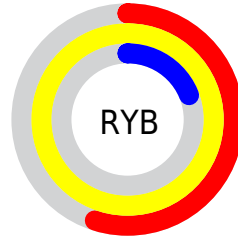
Distribution



Red (99%)

Green (75%)

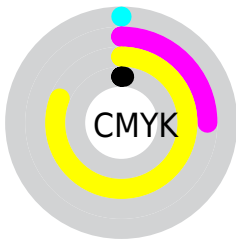
Blue (19%)



Red (55%)

Yellow (99%)

Blue (19%)

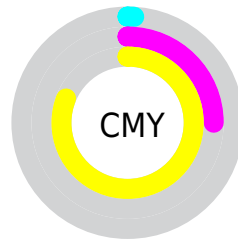


Cyan (0%)

Magenta (25%)

Yellow (81%)

Black (1%)



Cyan (1%)


Magenta (25%)

Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4550, 57.9230, 10.8429 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 59.4550, 57.9230, 10.8429 by changing the saturation by 10% instead.


 59.4550, 57.9230,
10.8429


 59.4550, 57.9230,
10.8429


412.4530,
416.8990, 207.2852

 43.2273, 41.7467,
5.8485


 103.1495,
101.8107, 28.0015

 30.2588, 28.9030,
2.6859


 131.3470,
130.2910, 41.0027


 20.1841, 19.0075,
0.9363

 164.2652,
163.6414, 57.5100

 12.6380, 11.6757,
0.0000

 202.2693,
202.2463, 77.9417

 7.2550, 6.5232,
0.0000

 245.7248,
246.4901, 102.7166

 3.6698, 3.1658,
0.0000

 294.9970,

 1.5171, 1.2189,

296.7572, 132.2531

0.0000

350.4513,
353.4320, 166.9698

■ 0.3374, 0.0770,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4550, 57.9230,
10.8429

■ 59.4550, 57.9230,
10.8429

■ 57.4351, 54.4944,
8.2865


■ 61.8646, 61.6559,
14.9967


■ 55.8875, 51.6420,
7.0223


■ 64.7055, 65.7048,
20.9776


■ 68.0172, 70.0901,
28.9812

■ 71.8330, 74.8271,
39.1767

 76.1828, 79.9298,
51.7157

 81.0941, 85.4113,
66.7360

 86.5921, 91.2835,
84.3647

 92.7005, 97.5578,
104.7203

 94.3177, 99.6225,
108.8657

Harmonies

Analogous

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



75.5540, 57.9230, 17.1594



59.4550, 57.9230, 10.8429



44.8133, 57.9230, 12.5017

Triad

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



59.4550, 57.9230, 10.8429



31.8478, 57.9230, 99.9164



81.7383, 57.9230, 131.7049

Complementary

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



59.4550, 57.9230, 10.8429



24.6329, 19.0887, 95.3140

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.



66.7470, 57.9230, 179.4148



59.4550, 57.9230, 10.8429



38.6445, 57.9230, 155.8683

Square

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



59.4550, 57.9230, 10.8429



30.6245, 57.9230, 51.5661



50.8759, 57.9230, 189.8761



89.9005, 57.9230, 76.1651

Rectangle

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



59.4550, 57.9230, 10.8429



37.6017, 57.9230, 18.5391



50.8759, 57.9230, 189.8761



77.2113, 57.9230, 150.0887

Sweetspot

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



59.4563, 57.9259, 10.8440



81.0065, 85.2487, 63.1064



44.5410, 24.1873, 17.9202



16.9563, 17.8203, 12.3364



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.



59.4563, 57.9259, 10.8440



57.4004, 53.5138, 7.5236



63.8056, 84.9738, 15.8356



19.0626, 20.0933, 19.0180



29.8654, 27.7421, 3.7807



3.0048, 2.8950, 0.4004

Inverse Universe

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



24.6329, 19.0887, 95.3140



21.2896, 13.5570, 96.1024



22.5866, 11.1651, 93.8925



17.4582, 18.2880, 22.8597



10.9836, 6.8768, 50.1830



1.1613, 0.8533, 4.9168

Previews

White Background



This preview shows how the XYZ color 59.4550, 57.9230, 10.8429 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 59.4550, 57.9230, 10.8429 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 59.4550, 57.9230, 10.8429

Background



This preview shows how black text looks on a background with the XYZ color 59.4550, 57.9230, 10.8429.



This preview shows how white text looks on a background with the XYZ color 59.4550, 57.9230,

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

59.4550, 57.9230, 10.8429

Protanopia

52.5355, 58.0199, 11.5620

Deuteranopia

59.0918, 57.7358, 10.8259



Tritanopia

67.0757, 57.7083, 57.4727

Trichromacy



Original Color

59.4550, 57.9230, 10.8429

Protanomaly

54.8029, 57.8250, 11.2905

Deuteranomaly

59.0918, 57.7358, 10.8259

Tritanomaly

62.7472, 57.2453, 32.5532

Monochromacy



Original Color

59.4550, 57.9230, 10.8429

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.6076, 54.0398, 32.5217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4550, 57.9230, 10.8429 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(253, 190, 48)` looks like.

```
.text, #text, p{  
    color:rgb(253, 190, 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(253, 190, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 190, 48) }
```

Border

The CSS property to change the border of an element to XYZ 59.4550, 57.9230, 10.8429 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(253, 190, 48) }
```


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

```
.border{ border-color:rgb(253, 190, 48) }
```

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

Here you see how a box with a 4 pixel rgb(253, 190, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 190, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 190, 48);  
box-shadow:4px 4px 4px 4px rgb(253, 190,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4550, 57.9230, 10.8429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 190, 48) }
```

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

```
.background{ background-color: rgb(253,  
190, 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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