

Converting Colors

XYZ(57.1367, 58.9281, 13.2585)

Have a look what the booklet for
XYZ(57.1367, 58.9281, 13.2585)
contains.

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Color

**XYZ(57.1673, 59.0034,
13.2263)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C540
RGB	241, 197, 64
RGB Percent	95%, 77%, 25%
CMY	0.0549, 0.2274, 0.7490
CMYK	0.00, 0.18, 0.73, 0.05
HSL	45°, 86%, 60%
HSV	45°, 73%, 95%
XYZ	57.1673, 59.0034, 13.2263
YIQ	194.9940, 68.9170, -32.0350

Conversions

Conversions Part 2

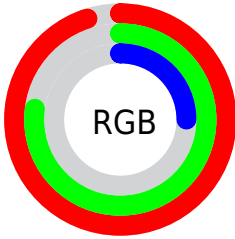
Format	Color
RYB	123, 241, 64
Decimal	15844672
CIELab	81.29, 2.69, 68.70
CIELCh	81, 68.750, 87.757
Yxy	59.0034, 0.4418, 0.4560
Android (android.graphics.Color)	4294034752 (0xFFFF1C540)
YUV	194.9940, -64.5800, 40.3473
Hunter-Lab	76.8137, -1.5783, 43.5606

Details

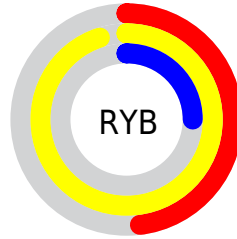
The XYZ color **57.1673, 59.0034, 13.2263** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **23.3541, 18.1657, 85.4940**, and the grayscale version is **52.2137, 54.9329, 59.8219**.

A 20% lighter version of the original color is **79.7554, 92.8666, 31.4908**, and **29.0293, 29.7703, 4.2162** is the 20% darker color. If you saturate the color by 10%, you get **55.2911, 56.1219, 9.9175**, and if you desaturate by 10%, it is **59.3963, 62.1172, 18.1146**.

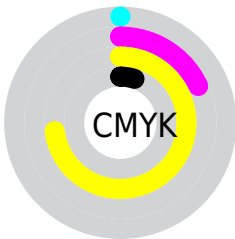
Distribution



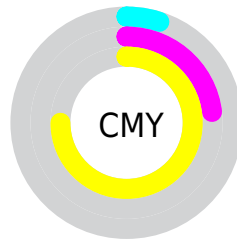
- Red (95%)
- Green (77%)
- Blue (25%)



- Red (48%)
- Yellow (95%)
- Blue (25%)



- Cyan (0%)
- Magenta (18%)
- Yellow (73%)
- Black (5%)



- Cyan (5%)
- Magenta (23%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1673, 59.0034, 13.2263 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 57.1673, 59.0034, 13.2263 by changing the saturation by 10% instead.

57.1673, 59.0034,
13.2263

57.1673, 59.0034,
13.2263

404.0800,
420.9145, 223.6215

41.3802, 42.6159,
7.4520

99.8392, 103.3826,
32.4069

28.8053, 29.5838,
3.6637

127.4548,
132.1431, 46.6502

19.0771, 19.5229,
1.4427

159.7439,
165.7966, 64.5537

11.8304, 12.0487,
0.1747

197.0719,
204.7276, 86.5358

6.6996, 6.7769,
0.0000

239.8041,
249.3205, 113.0151

3.3196, 3.3230,
0.0000

288.3060,

1.3250, 1.3026,

299.9597, 144.4101

0.0000

342.9428,
357.0296, 181.1394

■ 0.2018, 0.1432,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1673, 59.0034,
13.2263

■ 57.1673, 59.0034,
13.2263

■ 55.2911, 56.1219,
9.9175

■ 59.3963, 62.1172,
18.1146


■ 53.7219, 53.4463,
7.9673


■ 62.0087, 65.4695,
24.7578


■ 52.8191, 51.7881,
7.2122


■ 65.0356, 69.0760,
33.3115


■ 68.5038, 72.9484,
43.9135

 72.4375, 77.0973,
56.6886

 76.8591, 81.5326,
71.7517

 81.7894, 86.2634,
89.2094

 86.9560, 91.1818,
107.6245

 88.7970, 94.8638,
108.2382

Harmonies

Analogous

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



72.1202, 59.0034, 17.9182



57.1673, 59.0034, 13.2263



44.1915, 59.0034, 16.6307

Triad

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



57.1673, 59.0034, 13.2263



35.0432, 59.0034, 108.5009



82.7930, 59.0034, 116.2728

Complementary

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



57.1673, 59.0034, 13.2263



23.3541, 18.1657, 85.4940

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.



69.9318, 59.0034, 162.5619



57.1673, 59.0034, 13.2263



42.6156, 59.0034, 156.8889

Square

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



57.1673, 59.0034, 13.2263



32.7891, 59.0034, 61.2027



55.0085, 59.0034, 179.9106



88.4021, 59.0034, 67.3858

Rectangle

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



57.1673, 59.0034, 13.2263



38.0404, 59.0034, 24.4291



55.0085, 59.0034, 179.9106



79.0776, 59.0034, 133.3228

Sweetspot

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



57.1687, 59.0063, 13.2275



83.0091, 88.3226, 66.6449



40.8294, 23.4561, 16.6337



17.4910, 18.6207, 13.3445



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.



57.1687, 59.0063, 13.2275



61.9571, 62.3069, 10.0298



55.3414, 75.1171, 16.4335



16.7708, 17.7547, 16.6928



28.7550, 28.3080, 3.9484



2.4700, 2.5107, 0.3544

Inverse Universe

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



23.3541, 18.1657, 85.4940



21.9610, 14.2209, 96.1952



23.9260, 13.2222, 84.5097



15.2164, 15.8670, 19.9822



9.5726, 5.3695, 45.6598



0.8725, 0.5991, 3.8239

Previews

White Background



This preview shows how the XYZ color 57.1673, 59.0034, 13.2263 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 57.1673, 59.0034, 13.2263 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 57.1673, 59.0034, 13.2263

Background



This preview shows how black text looks on a background with the XYZ color 57.1673, 59.0034, 13.2263.



This preview shows how white text looks on a background with the XYZ color 57.1673, 59.0034,

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

57.1673, 59.0034, 13.2263

Protanopia

53.6741, 59.2623, 13.6109

Deuteranopia

60.3410, 58.9753, 13.3573



Tritanopia

67.1172, 58.8674, 61.2512

Trichromacy



Original Color

57.1673, 59.0034, 13.2263

Protanomaly

54.7958, 59.1439, 13.5289

Deuteranomaly

59.3128, 59.1050, 13.2833

Tritanomaly

61.9802, 58.3393, 36.4277

Monochromacy



Original Color

57.1673, 59.0034, 13.2263

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.1578, 55.5835, 35.5834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1673, 59.0034, 13.2263 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(241, 197, 64)` looks like.

```
.text, #text, p{  
    color:rgb(241, 197, 64)  
}
```

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(241, 197, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 197, 64) }
```

Border

The CSS property to change the border of an element to XYZ 57.1673, 59.0034, 13.2263 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(241, 197, 64) }
```


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

```
.border{ border-color:rgb(241, 197, 64) }
```

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

Here you see how a box with a 4 pixel rgb(241, 197, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 197, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 197, 64);  
box-shadow:4px 4px 4px 4px rgb(241, 197,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1673, 59.0034, 13.2263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 197, 64) }
```

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

```
.background{ background-color: rgb(241,  
197, 64) }
```

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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