

Converting Colors

XYZ(59.1805, 57.7295, 13.1780)

Have a look what the booklet for
XYZ(59.1805, 57.7295, 13.1780)
contains.

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Color

**XYZ(59.1805, 57.7295,
13.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	FBBE42
RGB	251, 190, 66
RGB Percent	98%, 75%, 26%
CMY	0.0157, 0.2549, 0.7412
CMYK	0.00, 0.24, 0.74, 0.02
HSL	40°, 96%, 62%
HSV	40°, 74%, 98%
XYZ	59.1805, 57.7295, 13.1780
YIQ	194.1030, 76.1600, -25.6320

Conversions

Conversions Part 2

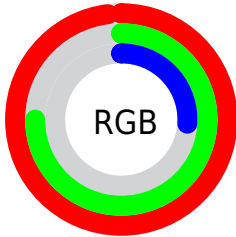
Format	Color
RYB	157, 251, 66
Decimal	16498242
CIELab	80.59, 10.63, 67.60
CIElCh	81, 68.432, 81.065
Yxy	57.7295, 0.4549, 0.4438
Android (android.graphics.Color)	4294688322 (0xFFFBBE42)
YUV	194.1030, -63.1548, 49.8987
Hunter-Lab	75.9799, 6.0681, 42.9027

Details

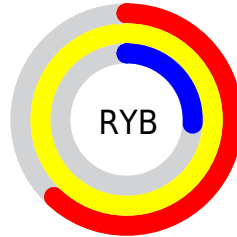
The XYZ color **59.1805, 57.7295, 13.1780** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **27.2484, 23.3012, 94.3276**, and the grayscale version is **51.6714, 54.3623, 59.2005**.

A 20% lighter version of the original color is **77.6470, 88.5520, 31.0890**, and **30.1809, 28.8385, 3.9757** is the 20% darker color. If you saturate the color by 10%, you get **56.8550, 54.0145, 9.5183**, and if you desaturate by 10%, it is **61.9349, 61.7835, 18.5821**.

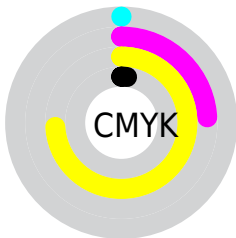
Distribution



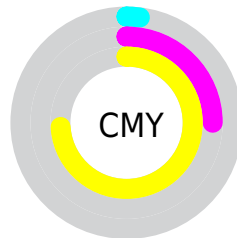
- Red (98%)
- Green (75%)
- Blue (26%)



- Red (62%)
- Yellow (98%)
- Blue (26%)



- Cyan (0%)
- Magenta (24%)
- Yellow (74%)
- Black (2%)



- Cyan (2%)
- Magenta (25%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1805, 57.7295, 13.1780 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 59.1805, 57.7295, 13.1780 by changing the saturation by 10% instead.

59.1805, 57.7295,
13.1780

59.1805, 57.7295,
13.1780

411.4538,
416.1772, 223.3031

43.0054, 41.5912,
7.4191

102.7531,
101.5288, 32.3191

30.0839, 28.7813,
3.6431

130.8812,
129.9587, 46.5383

20.0506, 18.9155,
1.4317

163.7245,
163.2545, 64.4147

12.5403, 11.6092,
0.1662

201.6481,
201.8007, 86.3667

7.1876, 6.4782,
0.0000

245.0175,
245.9817, 112.8131

3.6271, 3.1380,
0.0000

294.1980,

1.4934, 1.2042,

296.1819, 144.1722

0.0000

349.5550,
352.7856, 180.8627

■ 0.3213, 0.0651,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1805, 57.7295,
13.1780

■ 59.1805, 57.7295,
13.1780

■ 56.8550, 54.0145,
9.5183

■ 61.9349, 61.7835,
18.5821

■ 54.9066, 50.6083,
7.3571

■ 65.1534, 66.1864,
25.9265

■ 53.8314, 48.6051,
6.5445

■ 68.8717, 70.9571,
35.3841

■ 73.1201, 76.1104,
47.1078

■ 77.9263, 81.6598,
61.2361

■ 83.3161, 87.6179,
77.8963

■ 89.3132, 93.9966,
97.2070

■ 93.5934, 99.2491,
108.8318

Harmonies

Analogous

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



73.6906, 57.7295, 19.7955



59.1805, 57.7295, 13.1780



45.7082, 57.7295, 14.7310

Triad

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



59.1805, 57.7295, 13.1780



33.2961, 57.7295, 95.0262



78.7225, 57.7295, 125.2125

Complementary

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



59.1805, 57.7295, 13.1780



27.2484, 23.3012, 94.3276

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.



65.1812, 57.7295, 166.4414



59.1805, 57.7295, 13.1780



39.5625, 57.7295, 144.4536

Square

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



59.1805, 57.7295, 13.1780



32.2466, 57.7295, 51.5747



50.7744, 57.7295, 174.6859



86.1739, 57.7295, 75.6767

Rectangle

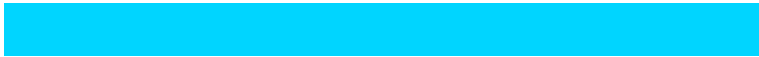
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.1805, 57.7295, 13.1780



38.9460, 57.7295, 20.6653



50.7744, 57.7295, 174.6859



74.6328, 57.7295, 141.2519

Sweetspot

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



59.1818, 57.7324, 13.1791



81.6780, 85.6604, 66.2012



45.6064, 25.9558, 22.9143



17.1745, 17.9877, 13.2390



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.



59.1818, 57.7324, 13.1791



58.0092, 54.4111, 8.7138



65.0461, 84.6290, 18.0616



18.2170, 19.1698, 18.2024



28.4351, 25.8268, 3.4864



2.7305, 2.5859, 0.3552

Inverse Universe

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



27.2484, 23.3012, 94.3276



23.6124, 17.5238, 96.7457



24.2733, 13.3943, 92.5722



16.7504, 17.5777, 21.8953



10.8870, 7.1297, 48.7759



1.1010, 0.8457, 4.5484

Previews

White Background



This preview shows how the XYZ color 59.1805, 57.7295, 13.1780 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 59.1805, 57.7295, 13.1780 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 59.1805, 57.7295, 13.1780

Background



This preview shows how black text looks on a background with the XYZ color 59.1805, 57.7295, 13.1780.



This preview shows how white text looks on a background with the XYZ color 59.1805, 57.7295,

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

59.1805, 57.7295, 13.1780

Protanopia

52.7013, 58.0503, 14.0574

Deuteranopia

59.1805, 57.7295, 13.1780



Tritanopia

67.0757, 57.7083, 57.4727

Trichromacy



Original Color

59.1805, 57.7295, 13.1780

Protanomaly

54.9413, 57.8423, 13.7378

Deuteranomaly

59.1805, 57.7295, 13.1780

Tritanomaly

63.2018, 57.4271, 34.9476

Monochromacy



Original Color

59.1805, 57.7295, 13.1780

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.3608, 54.6936, 35.4010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1805, 57.7295, 13.1780 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(251, 190, 66)` looks like.

```
.text, #text, p{  
    color:rgb(251, 190, 66)  
}
```

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(251, 190, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 190, 66) }
```

Border

The CSS property to change the border of an element to XYZ 59.1805, 57.7295, 13.1780 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(251, 190, 66) }
```


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

```
.border{ border-color:rgb(251, 190, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 190, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 190, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 190, 66);  
box-shadow:4px 4px 4px 4px rgb(251, 190,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1805, 57.7295, 13.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 190, 66) }
```

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

```
.background{ background-color: rgb(251,  
190, 66) }
```

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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