

Converting Colors

XYZ(57.5762, 57.7725, 18.0141)

Have a look what the booklet for
XYZ(57.5762, 57.7725, 18.0141)
contains.

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Color

**XYZ(57.5762, 57.7725,
18.0141)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C15B
RGB	242, 193, 91
RGB Percent	95%, 76%, 36%
CMY	0.0510, 0.2431, 0.6431
CMYK	0.00, 0.20, 0.62, 0.05
HSL	41°, 85%, 65%
HSV	41°, 62%, 95%
XYZ	57.5762, 57.7725, 18.0141
YIQ	196.0230, 61.9460, -21.3340

Conversions

Conversions Part 2

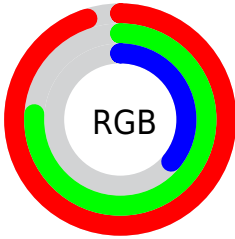
Format	Color
RYB	164, 242, 91
Decimal	15909211
CIELab	80.61, 6.63, 56.78
CIElCh	81, 57.164, 83.339
Yxy	57.7725, 0.4317, 0.4332
Android (android.graphics.Color)	4294099291 (0xFFFF2C15B)
YUV	196.0230, -51.7763, 40.3218
Hunter-Lab	76.0082, 2.1993, 39.1539

Details

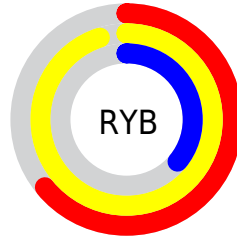
The XYZ color **57.5762, 57.7725, 18.0141** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **29.7190, 27.3899, 87.7243**, and the grayscale version is **52.7593, 55.5069, 60.4470**.

A 20% lighter version of the original color is **80.1497, 91.0250, 39.7308**, and **29.0034, 28.8348, 5.7873** is the 20% darker color. If you saturate the color by 10%, you get **55.0062, 54.0426, 12.8114**, and if you desaturate by 10%, it is **60.5776, 61.8269, 25.0219**.

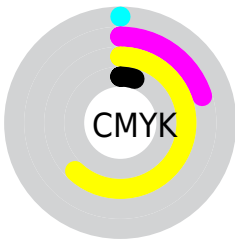
Distribution



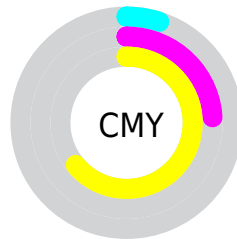
- Red (95%)
- Green (76%)
- Blue (36%)



- Red (64%)
- Yellow (95%)
- Blue (36%)



- Cyan (0%)
- Magenta (20%)
- Yellow (62%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5762, 57.7725, 18.0141 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 57.5762, 57.7725, 18.0141 by changing the saturation by 10% instead.

57.5762, 57.7725,
18.0141

57.5762, 57.7725,
18.0141

405.5843,
416.3377, 253.1893

41.7100, 41.6258,
10.7906

100.4320,
101.5915, 40.8756

29.0644, 28.8084,
5.8138

128.1522,
130.0326, 57.3507

19.2741, 18.9359,
2.6652

160.5545,
163.3405, 77.7467

11.9736, 11.6240,
0.9259

198.0042,
201.8998, 102.4821

6.7978, 6.4882,
0.0000

240.8667,
246.0947, 131.9755

3.3812, 3.1441,
0.0000

289.5073,

1.3584, 1.2074,

296.3098, 166.6455

0.0000

344.2914,
352.9293, 206.9106

■ 0.2263, 0.0678,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5762, 57.7725,
18.0141

■ 57.5762, 57.7725,
18.0141

■ 55.0062, 54.0426,
12.8114

■ 60.5776, 61.8269,
25.0219

■ 52.8285, 50.6126,
9.2323


■ 64.0369, 66.2120,
33.9857


■ 51.0021, 47.4660,
7.0634


■ 67.9829, 70.9435,
45.0445

■ 49.8002, 45.2421,
6.1078

■ 72.4407, 76.0338,
58.3233

 77.4333, 81.4940,
73.9377

 82.9824, 87.3349,
91.9948

 88.2260, 93.2137,
107.9498

 90.4277, 97.6171,
108.6837

Harmonies

Analogous

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



69.5499, 57.7725, 23.9428



57.5762, 57.7725, 18.0141



46.4309, 57.7725, 20.2099

Triad

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



57.5762, 57.7725, 18.0141



36.6551, 57.7725, 92.2070



75.1215, 57.7725, 110.0376

Complementary

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



57.5762, 57.7725, 18.0141



29.7190, 27.3899, 87.7243

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.



64.3655, 57.7725, 143.0726



57.5762, 57.7725, 18.0141



42.4855, 57.7725, 130.4690

Square

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



57.5762, 57.7725, 18.0141



35.3738, 57.7725, 55.6869



52.3294, 57.7725, 151.6465



80.5730, 57.7725, 70.7201

Rectangle

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



57.5762, 57.7725, 18.0141



40.8077, 57.7725, 26.5806



52.3294, 57.7725, 151.6465



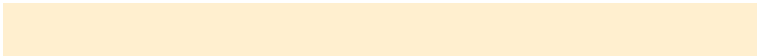
71.9386, 57.7725, 122.7414

Sweetspot

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



57.5776, 57.7753, 18.0152



83.3960, 87.6400, 71.2642



45.1917, 28.2928, 28.4094



17.5166, 18.3890, 14.2249



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.



57.5776, 57.7753, 18.0152



61.2164, 59.7436, 13.1185



62.2061, 78.9854, 21.8652



16.6655, 17.5441, 16.6577



26.8827, 24.5635, 3.3244



2.3263, 2.2233, 0.3065

Inverse Universe

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



29.7190, 27.3899, 87.7243



27.5839, 23.1731, 97.6268



26.9932, 17.6180, 85.9818



15.3160, 16.0662, 20.0154



10.2033, 6.6309, 45.8700



0.9359, 0.7257, 3.8450

Previews

White Background



This preview shows how the XYZ color 57.5762, 57.7725, 18.0141 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 57.5762, 57.7725, 18.0141 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 57.5762, 57.7725, 18.0141

Background



This preview shows how black text looks on a background with the XYZ color 57.5762, 57.7725, 18.0141.



This preview shows how white text looks on a background with the XYZ color 57.5762, 57.7725,

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

57.5762, 57.7725, 18.0141

Protanopia

52.9866, 58.0932, 18.7763

Deuteranopia

59.2740, 57.9908, 18.1945



Tritanopia

66.1161, 57.7654, 59.8897

Trichromacy



Original Color

57.5762, 57.7725, 18.0141

Protanomaly

54.4389, 57.8189, 18.4161

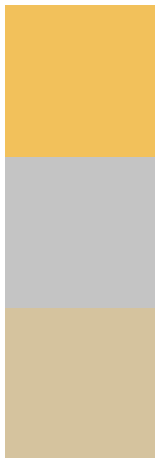
Deuteranomaly

58.7874, 58.0648, 18.2344

Tritanomaly

62.0882, 57.3606, 40.1470

Monochromacy



Original Color

57.5762, 57.7725, 18.0141

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.1272, 55.6450, 40.2882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5762, 57.7725, 18.0141 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(242, 193, 91)` looks like.

```
.text, #text, p{  
    color:rgb(242, 193, 91)  
}
```

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(242, 193, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 193, 91) }
```

Border

The CSS property to change the border of an element to XYZ 57.5762, 57.7725, 18.0141 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(242, 193, 91) }
```


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

```
.border{ border-color:rgb(242, 193, 91) }
```

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

Here you see how a box with a 4 pixel rgb(242, 193, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 193, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 193, 91);  
box-shadow:4px 4px 4px 4px rgb(242, 193,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5762, 57.7725, 18.0141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 193, 91) }
```

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

```
.background{ background-color: rgb(242,  
193, 91) }
```

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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