

Converting Colors

XYZ(65.0218, 68.6338, 19.2718)

Have a look what the booklet for
XYZ(65.0218, 68.6338, 19.2718)
contains.

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Color

**XYZ(65.0218, 68.6338,
19.2718)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD559
RGB	250, 213, 89
RGB Percent	98%, 84%, 35%
CMY	0.0196, 0.1647, 0.6510
CMYK	0.00, 0.15, 0.64, 0.02
HSL	46°, 94%, 66%
HSV	46°, 64%, 98%
XYZ	65.0218, 68.6338, 19.2718
YIQ	209.9270, 61.8560, -30.7200

Conversions

Conversions Part 2

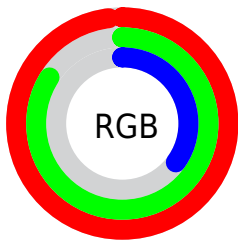
Format	Color
RYB	137, 250, 89
Decimal	16438617
CIELab	86.32, -0.48, 64.13
CIELCh	86, 64.127, 90.428
Yxy	68.6338, 0.4252, 0.4488
Android (android.graphics.Color)	4294628697 (0xFFFA559)
YUV	209.9270, -59.6170, 35.1440
Hunter-Lab	82.8455, -4.8829, 44.1996

Details

The XYZ color **65.0218, 68.6338, 19.2718** 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 **28.8358, 23.9469, 93.5444**, and the grayscale version is **61.5629, 64.7689, 70.5334**.

A 20% lighter version of the original color is **82.0340, 94.7936, 40.3589**, and **33.8807, 35.8424, 6.4289** is the 20% darker color. If you saturate the color by 10%, you get **62.7261, 65.4470, 14.1775**, and if you desaturate by 10%, it is **67.7282, 72.0721, 26.2623**.

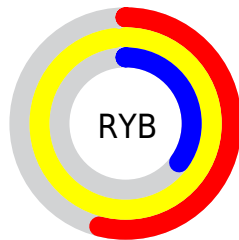
Distribution



Red (98%)

Green (84%)

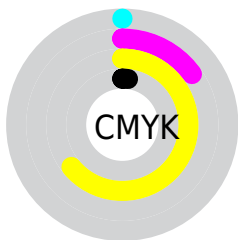
Blue (35%)



Red (54%)

Yellow (98%)

Blue (35%)

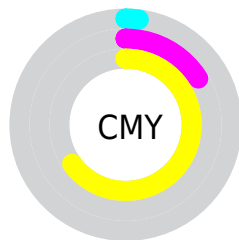


Cyan (0%)

Magenta (15%)

Yellow (64%)

Black (2%)



Cyan (2%)


Magenta (16%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0218, 68.6338, 19.2718 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 65.0218, 68.6338, 19.2718 by changing the saturation by 10% instead.


 65.0218, 68.6338,
19.2718

 65.0218, 68.6338,
19.2718


432.4143,
455.7383, 260.4177


 47.7435, 50.4135,
11.6880


 111.1467,
117.2584, 43.0357


 33.8342, 35.7421,
6.4117

 140.7241,
148.4315, 60.0529

 22.9286, 24.2351,
3.0242


 175.1319,
184.6910, 81.0516

 14.6612, 15.5081,
1.1070

 214.7354,
226.4213, 106.4505

 8.6667, 9.1767,
0.0000

259.9001,
274.0068, 136.6680

 4.5798, 4.8566,
0.0000

310.9912,

 2.0351, 2.1634,

327.8319, 172.1227

0.0000

368.3741,
388.2809, 213.2331

■ 0.6536, 0.6999,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.0218, 68.6338,
19.2718

■ 65.0218, 68.6338,
19.2718

■ 62.7261, 65.4470,
14.1775

■ 67.7282, 72.0721,
26.2623

■ 60.7980, 62.4856,
10.7763

■ 70.8736, 75.7661,
35.3163

■ 59.1923, 59.7334,
8.8255

■ 74.4889, 79.7315,
46.5873

■ 58.3961, 58.2678,
8.1690

■ 78.6007, 83.9799,
60.2131

83.2335, 88.5218,
76.3201

88.4101, 93.3672,
95.0258

92.6680, 97.9316,
108.6263

93.2341, 99.0639,
108.8150

Harmonies

Analogous

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



80.3089, 68.6338, 23.8993



65.0218, 68.6338, 19.2718



51.8582, 68.6338, 24.1855

Triad

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



65.0218, 68.6338, 19.2718



43.6463, 68.6338, 124.0681



93.2443, 68.6338, 122.5940

Complementary

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



65.0218, 68.6338, 19.2718



28.8358, 23.9469, 93.5444

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.



80.7330, 68.6338, 169.3237



65.0218, 68.6338, 19.2718



52.1751, 68.6338, 170.3772

Square

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



65.0218, 68.6338, 19.2718



40.7168, 68.6338, 75.3416



65.4474, 68.6338, 189.4306



98.0261, 68.6338, 74.1228

Rectangle

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



65.0218, 68.6338, 19.2718



45.6669, 68.6338, 33.9098



65.4474, 68.6338, 189.4306



89.7184, 68.6338, 139.5940

Sweetspot

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



65.0234, 68.6371, 19.2732



84.7583, 90.3646, 71.7183



46.7996, 28.9903, 23.0609



17.8484, 19.0526, 14.3355



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.



65.0234, 68.6371, 19.2732



65.0383, 67.6080, 13.7120



61.7397, 82.3673, 22.0964



18.3694, 19.4747, 18.2532



31.0896, 31.1358, 4.3712



2.9588, 3.0425, 0.4313

Inverse Universe

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



28.8358, 23.9469, 93.5444



24.7598, 17.9928, 96.7757



30.3336, 18.9478, 92.5006



16.6066, 17.2900, 21.8473



10.0297, 5.4150, 48.4901



1.0056, 0.6548, 4.5166

Previews

White Background



This preview shows how the XYZ color 65.0218, 68.6338, 19.2718 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 65.0218, 68.6338, 19.2718 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 65.0218, 68.6338, 19.2718

Background



This preview shows how black text looks on a background with the XYZ color 65.0218, 68.6338, 19.2718.



This preview shows how white text looks on a background with the XYZ color 65.0218, 68.6338,

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

65.0218, 68.6338, 19.2718

Protanopia

62.6770, 68.5507, 19.6010

Deuteranopia

68.7741, 68.7544, 34.4571



Tritanopia

74.6263, 68.4074, 73.5607

Trichromacy



Original Color

65.0218, 68.6338, 19.2718

Protanomaly

63.4541, 68.5722, 19.5642

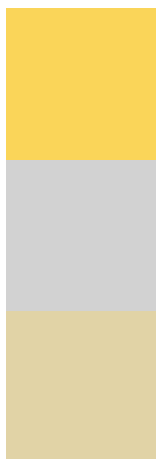
Deuteranomaly

67.0058, 68.3563, 27.7517

Tritanomaly

69.7408, 67.8898, 46.9644

Monochromacy



Original Color

65.0218, 68.6338, 19.2718

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.2285, 65.3493, 45.4630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0218, 68.6338, 19.2718 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(250, 213, 89)` looks like.

```
.text, #text, p{  
    color:rgb(250, 213, 89)  
}
```

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(250, 213, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 213, 89) }
```

Border

The CSS property to change the border of an element to XYZ 65.0218, 68.6338, 19.2718 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(250, 213, 89) }
```


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

```
.border{ border-color:rgb(250, 213, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 213, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 213, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 213, 89);  
box-shadow:4px 4px 4px 4px rgb(250, 213,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0218, 68.6338, 19.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 213, 89) }
```

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

```
.background{ background-color: rgb(250,  
213, 89) }
```

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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