

Converting Colors

XYZ(66.7128, 68.4117, 29.3550)

Have a look what the booklet for
XYZ(66.7128, 68.4117, 29.3550)
contains.

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Color

**XYZ(66.8438, 68.6041,
29.4575)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FBD37E |
| RGB | 251, 211, 126 |
| RGB Percent | 98%, 83%, 49% |
| CMY | 0.0157, 0.1725, 0.5059 |
| CMYK | 0.00, 0.16, 0.50, 0.02 |
| HSL | 41°, 94%, 74% |
| HSV | 41°, 50%, 98% |
| XYZ | 66.8438, 68.6041, 29.4575 |
| YIQ | 213.2700, 51.1250, -17.9550 |

Conversions

Conversions Part 2

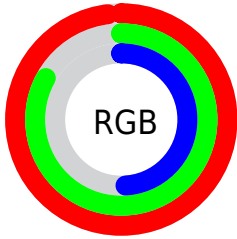
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 185, 251, 126 |
| Decimal | 16503678 |
| CIE Lab | 86.31, 3.66, 47.04 |
| CIE LCh | 86, 47.182, 85.549 |
| Yxy | 68.6041, 0.4053, 0.4160 |
| Android (android.graphics.Color) | 4294693758 (0xFFFFBD37E) |
| YUV | 213.2700, -43.0241, 33.0892 |
| Hunter-Lab | 82.8276, -0.8946, 36.8929 |

Details

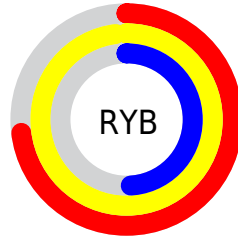
The XYZ color **66.8438, 68.6041, 29.4575** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.6525, 38.6716, 96.6409**, and the grayscale version is **63.6832, 66.9997, 72.9627**.

A 20% lighter version of the original color is **85.2382, 96.0753, 57.2319**, and **35.0652, 35.8284, 11.7240** is the 20% darker color. If you saturate the color by 10%, you get **63.4779, 64.1473, 21.3229**, and if you desaturate by 10%, it is **70.7190, 73.4294, 39.7677**.

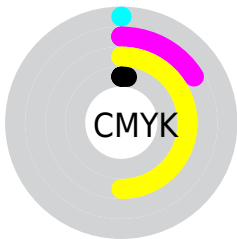
Distribution



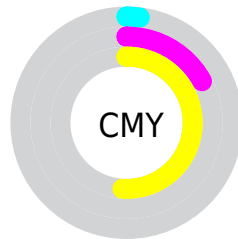
- Red (98%)
- Green (83%)
- Blue (49%)



- Red (73%)
- Yellow (98%)
- Blue (49%)



- Cyan (0%)
- Magenta (16%)
- Yellow (50%)
- Black (2%)





- Cyan (2%)
- Magenta (17%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8438, 68.6041, 29.4575 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 66.8438, 68.6041, 29.4575 by changing the saturation by 10% instead.


 66.8438, 68.6041,
29.4575

 66.8438, 68.6041,
29.4575


438.8298,
455.6334, 313.4957


 49.2279, 50.3894,
19.1786


 113.7476,
117.2159, 59.8540

 35.0156, 35.7229,
11.6213


 143.7662,
148.3818, 80.8087

 23.8415, 24.2202,
6.3670


 178.6498,
184.6335, 106.1592

 15.3402, 15.4971,
2.9971

218.7638,
226.3555, 136.3238

 9.1463, 9.1690,
1.0932

264.4734,
273.9320, 171.7213

 4.8946, 4.8516,
0.0000

316.1440,

 2.2197, 2.1604,

327.7476, 212.7700

0.0000

374.1410,
388.1866, 259.8887

■ 0.7531, 0.6983,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.8438, 68.6041,
29.4575

■ 66.8438, 68.6041,
29.4575

■ 63.4779, 64.1473,
21.3229

■ 70.7190, 73.4294,
39.7677

■ 60.5839, 60.0338,
15.1961

■ 75.1277, 78.6272,
52.3962

■ 58.1266, 56.2498,
10.8914

■ 80.0984, 84.2137,
67.4782

■ 56.0623, 52.7755,
8.1860

■ 85.6557, 90.2011,
85.1372

■ 54.3214, 49.5804,
6.7214

■ 91.8227, 96.6005,
105.4886

■ 54.2883, 49.5187,
6.6968

■ 93.5935, 99.2492,
108.8318

Harmonies

Analogous

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



77.7772, 68.6041, 35.3704



66.8438, 68.6041, 29.4575



56.5894, 68.6041, 32.6192

Triad

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



66.8438, 68.6041, 29.4575



48.0871, 68.6041, 103.6475



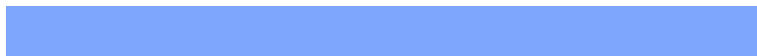
84.0328, 68.6041, 113.9966

Complementary

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



66.8438, 68.6041, 29.4575



39.6525, 38.6716, 96.6409

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.



74.6559, 68.6041, 142.8792



66.8438, 68.6041, 29.4575



54.0684, 68.6041, 135.8311

Square

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



66.8438, 68.6041, 29.4575



46.4861, 68.6041, 70.1427



63.5954, 68.6041, 151.8126



88.3779, 68.6041, 79.4468

Rectangle

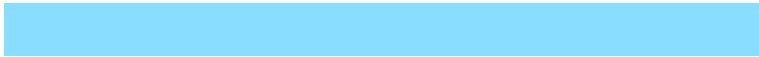
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.8438, 68.6041, 29.4575



51.3773, 68.6041, 40.0935



63.5954, 68.6041, 151.8126



81.3173, 68.6041, 125.0289

Sweetspot

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



66.8455, 68.6074, 29.4589



85.7112, 90.2155, 78.3711



54.2817, 38.2463, 41.4052



18.0892, 19.0320, 15.9638



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.



66.8455, 68.6074, 29.4589



65.7210, 66.3847, 21.9200



70.9498, 87.3511, 32.8605



18.2317, 19.1994, 18.2073



28.6736, 26.3038, 3.5659



2.7513, 2.6275, 0.3621

Inverse Universe

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



39.6525, 38.6716, 96.6409



34.5885, 32.1628, 98.9928



36.8768, 28.0752, 94.7419



16.7363, 17.5495, 21.8906



10.7883, 6.9322, 48.7430



1.0905, 0.8247, 4.5449

Previews

White Background



This preview shows how the XYZ color 66.8438, 68.6041, 29.4575 looks on a white background.

Color Contrast Check

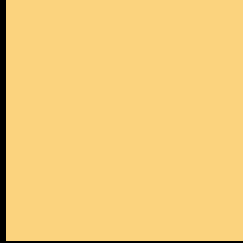
Large Text (above 18pt) WCAG AA × Fail

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 66.8438, 68.6041, 29.4575 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 66.8438, 68.6041, 29.4575

Background



This preview shows how black text looks on a background with the XYZ color 66.8438, 68.6041, 29.4575.



This preview shows how white text looks on a background with the XYZ color 66.8438, 68.6041,

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

66.8438, 68.6041, 29.4575

Protanopia

63.3772, 68.6748, 30.3373

Deuteranopia

69.1412, 68.5099, 37.5966



Tritanopia

74.7552, 68.4589, 74.2396

Trichromacy



Original Color

66.8438, 68.6041, 29.4575

Protanomaly

64.4953, 68.5027, 29.9017

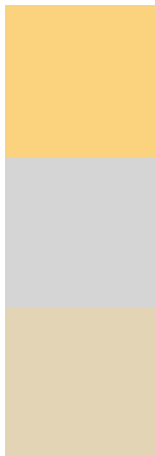
Deuteranomaly

68.4071, 68.5652, 34.4399

Tritanomaly

71.2516, 68.1524, 54.1991

Monochromacy



Original Color

66.8438, 68.6041, 29.4575

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.5625, 66.7541, 53.2508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8438, 68.6041, 29.4575 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, 211, 126)` looks like.

```
.text, #text, p{  
    color:rgb(251, 211, 126)  
}
```

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, 211, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 211, 126) }
```

Border

The CSS property to change the border of an element to XYZ 66.8438, 68.6041, 29.4575 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, 211, 126) }
```


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

```
.border{ border-color:rgb(251, 211, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 211, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 211, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 211, 126);  
box-shadow:4px 4px 4px 4px rgb(251, 211,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8438, 68.6041, 29.4575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 211, 126) }
```

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

```
.background{ background-color: rgb(251,  
211, 126) }
```

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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