

Converting Colors

XYZ(66.4191, 60.5011, 56.8924)

Have a look what the booklet for
XYZ(66.4191, 60.5011, 56.8924)
contains.

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Color

**XYZ(66.4191, 60.5011,
56.8924)**

Conversions

Conversions Part 1

Format	Color
Hex	F8BEBE
RGB	248, 190, 190
RGB Percent	97%, 75%, 75%
CMY	0.0274, 0.2549, 0.2549
CMYK	0.00, 0.23, 0.23, 0.03
HSL	0°, 81%, 86%
HSV	0°, 23%, 97%
XYZ	66.4191, 60.5011, 56.8924
YIQ	207.3420, 34.5680, 12.2960

Conversions

Conversions Part 2

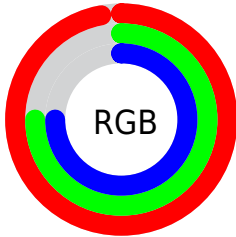
Format	Color
R _Y B	248, 190, 190
Decimal	16301758
CIE Lab	82.11, 20.81, 8.07
CIE LCh	82, 22.321, 21.189
Yxy	60.5011, 0.3613, 0.3291
Android (android.graphics.Color)	4294491838 (0xFFF8BEBE)
YUV	207.3420, -8.5496, 35.6571
Hunter-Lab	77.7825, 16.3034, 11.0812

Details

The XYZ color **66.4191, 60.5011, 56.8924** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.7449, 84.8567, 101.4049**, and the grayscale version is **59.5679, 62.6701, 68.2477**.

A 20% lighter version of the original color is **91.1353, 94.4353, 100.6133**, and **34.8054, 30.4908, 27.7178** is the 20% darker color. If you saturate the color by 10%, you get **59.0141, 49.6659, 42.1696**, and if you desaturate by 10%, it is **75.2024, 73.3538, 74.3514**.

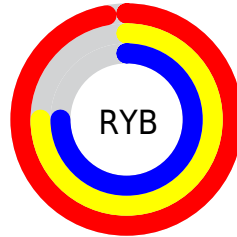
Distribution



Red (97%)

Green (75%)

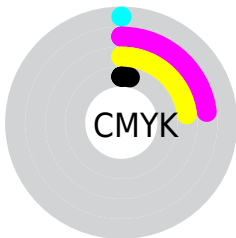
Blue (75%)



Red (97%)

Yellow (75%)

Blue (75%)

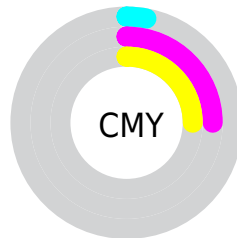


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (3%)



Cyan (3%)


Magenta (25%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.4191, 60.5011, 56.8924 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 66.4191, 60.5011, 56.8924 by changing the saturation by 10% instead.


 66.4191, 60.5011,
56.8924

 66.4191, 60.5011,
56.8924


437.3393,
426.4424, 430.5284

 48.8817, 43.8227,
40.5101


 113.1420,
105.5562, 101.8069

 34.7398, 30.5311,
27.6197


143.0583,
134.7017, 131.1762

 23.6281, 20.2421,
17.8026


177.8314,
168.7717, 165.7116

 15.1812, 12.5711,
10.6404

217.8269,
208.1505, 205.8316

 9.0338, 7.1339,
5.7145

263.4101,
253.2226, 251.9547

 4.8205, 3.5460,
2.6063

314.9463,

 2.1760, 1.4230,

304.3723, 304.4995

0.8957

372.8009,
361.9841, 363.8846

0.7300, 0.2336,
0.0000

0.0000, 0.0000,
0.0000

66.4191, 60.5011,
56.8924

66.4191, 60.5011,
56.8924

59.0141, 49.6659,
42.1696

75.2024, 73.3538,
74.3514

52.9130, 40.7381,
30.0408

85.4236, 88.3103,
94.6713

48.0416, 33.6098,
20.3569

92.5215, 98.6965,
108.7817

44.3165, 28.1589,
12.9521

■ 41.6441, 24.2482,
7.6399

■ 39.9158, 21.7191,
4.2047

■ 38.9997, 20.3783,
2.3840

■ 38.7118, 19.9570,
1.8117

Harmonies

Analogous

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



66.9800, 60.5011, 69.9514



66.4191, 60.5011, 56.8924



63.4023, 60.5011, 47.5732

Triad

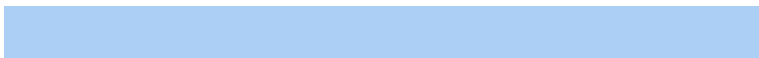
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.4191, 60.5011, 56.8924



50.6972, 60.5011, 50.8455



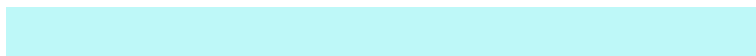
56.1209, 60.5011, 95.1515

Complementary

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



66.4191, 60.5011, 56.8924



71.7449, 84.8567, 101.4049

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.



51.9842, 60.5011, 88.3562



66.4191, 60.5011, 56.8924



48.9676, 60.5011, 61.9610

Square

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



66.4191, 60.5011, 56.8924



54.2758, 60.5011, 44.4297



49.4255, 60.5011, 75.7575



60.8587, 60.5011, 93.3042

Rectangle

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



66.4191, 60.5011, 56.8924



60.4909, 60.5011, 44.1457



49.4255, 60.5011, 75.7575



54.6180, 60.5011, 93.7716

Sweetspot

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



66.4207, 60.5039, 56.8936



86.8761, 88.0393, 92.6501



74.0686, 63.5614, 97.1720



18.4520, 18.6347, 19.5466



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.



66.4207, 60.5039, 56.8936



66.9086, 58.8214, 52.9551



73.3377, 74.3378, 59.1993



17.2448, 17.2255, 17.8783



20.9121, 10.7808, 0.9787



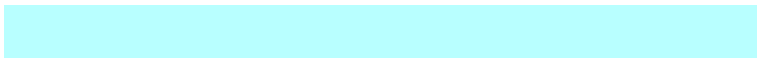
1.9369, 0.9986, 0.0907

Inverse Universe

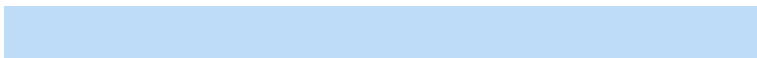
The Inverse Universe completely reimagines the original color for something new.



71.7449, 84.8567, 101.4049



73.4796, 88.8772, 107.8900



63.5106, 68.3881, 98.6601



17.7658, 19.6084, 22.2337



27.2825, 39.9206, 54.2411



2.5269, 3.6974, 5.0237

Previews

White Background



This preview shows how the XYZ color 66.4191, 60.5011, 56.8924 looks on a white background.

Color Contrast Check

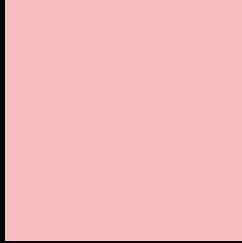
Large Text (above 18pt) WCAG AA × Fail

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 66.4191, 60.5011, 56.8924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

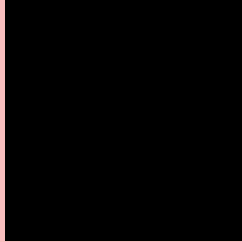
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.4191, 60.5011, 56.8924

Background



This preview shows how black text looks on a background with the XYZ color 66.4191, 60.5011, 56.8924.

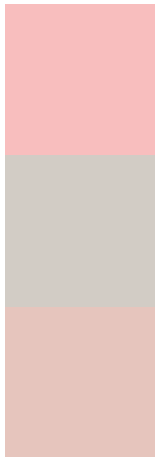


This preview shows how white text looks on a background with the XYZ color 66.4191, 60.5011,

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

66.4191, 60.5011, 56.8924

Protanopia

58.2493, 60.9186, 61.5117

Deuteranopia

61.7847, 60.4296, 56.5518



Tritanopia

67.8296, 60.4180, 64.5867

Trichromacy



Original Color

66.4191, 60.5011, 56.8924

Protanomaly

60.9015, 60.5892, 59.5240

Deuteranomaly

63.4021, 60.2622, 56.4342

Tritanomaly

67.4576, 60.6121, 61.5700

Monochromacy



Original Color

66.4191, 60.5011, 56.8924

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.5535, 61.5199, 63.8887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4191, 60.5011, 56.8924 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(248, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(248, 190, 190)  
}
```

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(248, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 190, 190) }
```

Border

The CSS property to change the border of an element to XYZ 66.4191, 60.5011, 56.8924 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(248, 190, 190) }
```


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

```
.border{ border-color:rgb(248, 190, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 190, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(248, 190,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4191, 60.5011, 56.8924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 190, 190) }
```

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

```
.background{ background-color: rgb(248,  
190, 190) }
```

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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