

Converting Colors

XYZ(68.3165, 58.9533, 51.2348)

Have a look what the booklet for
XYZ(68.3165, 58.9533, 51.2348)
contains.

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Color

**XYZ(66.3084, 58.0521,
51.4264)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6B5
RGB	255, 182, 181
RGB Percent	100%, 71%, 71%
CMY	0.0000, 0.2862, 0.2902
CMYK	0.00, 0.29, 0.29, 0.00
HSL	1°, 100%, 85%
HSV	1°, 29%, 100%
XYZ	66.3084, 58.0521, 51.4264
YIQ	203.7130, 43.8290, 15.1650

Conversions

Conversions Part 2

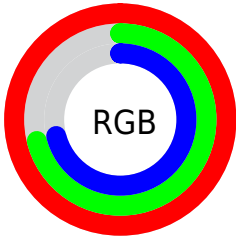
Format	Color
R _Y B	255, 182, 181
Decimal	16758453
CIE Lab	80.77, 26.35, 11.09
CIE LCh	81, 28.587, 22.820
Yxy	58.0521, 0.3772, 0.3302
Android (android.graphics.Color)	4294948533 (0xFFFFB6B5)
YUV	203.7130, -11.1975, 44.9787
Hunter-Lab	76.1919, 22.0093, 13.3161

Details

The XYZ color **66.3084, 58.0521, 51.4264** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.5465, 87.9242, 107.7552**, and the grayscale version is **57.2637, 60.2459, 65.6078**.

A 20% lighter version of the original color is **87.1006, 88.5235, 92.6168**, and **34.7725, 29.1293, 24.2119** is the 20% darker color. If you saturate the color by 10%, you get **59.2307, 47.7076, 37.3182**, and if you desaturate by 10%, it is **74.7932, 70.4439, 68.3673**.

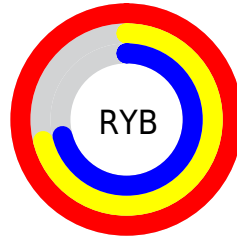
Distribution



Red (100%)

Green (71%)

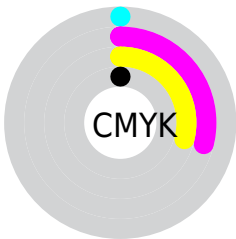
Blue (71%)



Red (100%)

Yellow (71%)

Blue (71%)

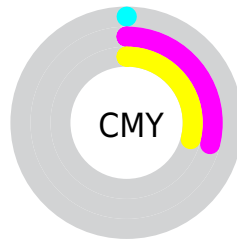


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3084, 58.0521, 51.4264 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 66.3084, 58.0521, 51.4264 by changing the saturation by 10% instead.


 66.3084, 58.0521,
51.4264

 66.3084, 58.0521,
51.4264

436.9503,
417.3800, 409.1119

 48.7914, 41.8505,
36.1690


 112.9841,
101.9987, 93.7027

 34.6679, 28.9843,
24.2740

142.8736,
130.5126, 121.5587

 23.5725, 19.0689,
15.3229


177.6180,
163.8993, 154.4512

 15.1398, 11.7201,
8.8972

217.5825,
202.5433, 192.7989

 9.0045, 6.5534,
4.5783

263.1327,
246.8290, 237.0203

 4.8013, 3.1844,
1.9477


314.6338,

 2.1647, 1.2287,


297.1408, 287.5339


0.5228

372.4512,
353.8630, 344.7583


 0.7240, 0.0850,
0.0000


 0.0000, 0.0000,
0.0000


 66.3084, 58.0521,
51.4264


 66.3084, 58.0521,
51.4264

 59.2307, 47.7076,
37.3182


 74.7932, 70.4439,
68.3673

 53.4799, 39.2928,
25.8851

 84.7507, 84.9763,
88.2801

 48.9747, 32.6906,
16.9593

95.0500, 100.0000,
108.9000

 45.6230, 27.7678,
10.3525

■ 43.3200, 24.3732,
5.8502

■ 41.9418, 22.3283,
3.1979

■ 41.3181, 21.3942,
2.0236

■ 41.2776, 21.3352,
1.9425

Harmonies

Analogous

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



67.2157, 58.0521, 67.3576



66.3084, 58.0521, 51.4264



62.3208, 58.0521, 40.6949

Triad

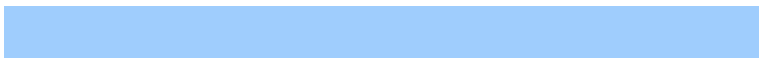
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.3084, 58.0521, 51.4264



46.6223, 58.0521, 45.5365



53.7709, 58.0521, 101.2364

Complementary

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



66.3084, 58.0521, 51.4264



72.5465, 87.9242, 107.7552

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.



48.6007, 58.0521, 92.7910



66.3084, 58.0521, 51.4264



44.6687, 58.0521, 59.2341

Square

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



66.3084, 58.0521, 51.4264



50.8927, 58.0521, 37.7414



45.3664, 58.0521, 76.6661



59.6948, 58.0521, 98.1361

Rectangle

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



66.3084, 58.0521, 51.4264



58.5962, 58.0521, 36.9714



45.3664, 58.0521, 76.6661



51.8931, 58.0521, 99.6094

Sweetspot

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



66.3099, 58.0548, 51.4276



84.7711, 85.0061, 88.3211



75.8141, 61.5283, 102.4880



17.8142, 17.7128, 18.2434



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.



66.3099, 58.0548, 51.4276



61.9118, 51.6277, 42.6583



74.6522, 74.7394, 54.2083



18.0292, 18.0265, 18.6736



21.5770, 11.1652, 1.0179



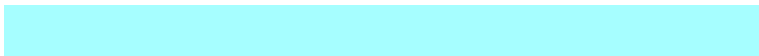
2.1075, 1.1004, 0.1013

Inverse Universe

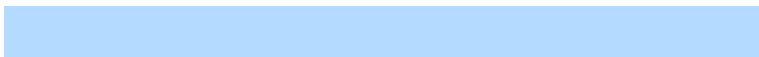
The Inverse Universe completely reimagines the original color for something new.



72.5465, 87.9242, 107.7552



69.0980, 86.0489, 107.5750



62.1779, 67.1871, 104.2990



18.5325, 20.4366, 23.2178



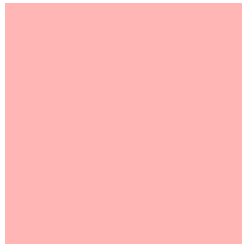
27.5544, 40.0183, 55.7066



2.6894, 3.9095, 5.4261

Previews

White Background



This preview shows how the XYZ color 66.3084, 58.0521, 51.4264 looks on a white background.

Color Contrast Check

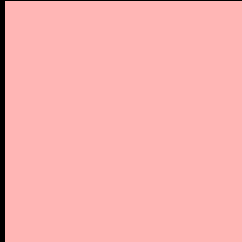
Large Text (above 18pt) WCAG AA × Fail

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 66.3084, 58.0521, 51.4264 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 66.3084, 58.0521, 51.4264

Background



This preview shows how black text looks on a background with the XYZ color 66.3084, 58.0521, 51.4264.



This preview shows how white text looks on a background with the XYZ color 66.3084, 58.0521,

51.4264.

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

66.3084, 58.0521, 51.4264

Protanopia

55.7904, 58.3355, 57.6096

Deuteranopia

59.4234, 58.3322, 50.7751



Tritanopia

67.5015, 58.2028, 58.7155

Trichromacy



Original Color

66.3084, 58.0521, 51.4264

Protanomaly

58.7801, 57.5751, 55.0288

Deuteranomaly

61.9116, 58.2993, 51.1698

Tritanomaly

66.9492, 57.9819, 55.8071

Monochromacy



Original Color

66.3084, 58.0521, 51.4264

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

60.1352, 59.1534, 60.4728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3084, 58.0521, 51.4264 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(255, 182, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 181)  
}
```

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(255, 182, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 181) }
```

Border

The CSS property to change the border of an element to XYZ 66.3084, 58.0521, 51.4264 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(255, 182, 181) }
```


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

```
.border{ border-color:rgb(255, 182, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3084, 58.0521, 51.4264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 181) }
```

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

```
.background{ background-color: rgb(255,  
182, 181) }
```

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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