

Converting Colors

XYZ(66.1342, 57.7053, 51.3968)

Have a look what the booklet for
XYZ(66.1342, 57.7053, 51.3968)
contains.

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Color

**XYZ(66.1044, 57.6439,
51.3584)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5B5
RGB	255, 181, 181
RGB Percent	100%, 71%, 71%
CMY	0.0000, 0.2902, 0.2902
CMYK	0.00, 0.29, 0.29, 0.00
HSL	0°, 100%, 85%
HSV	0°, 29%, 100%
XYZ	66.1044, 57.6439, 51.3584
YIQ	203.1260, 44.1040, 15.6880

Conversions

Conversions Part 2

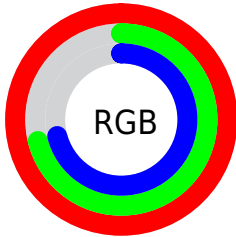
Format	Color
R _Y B	255, 181, 181
Decimal	16758197
CIE Lab	80.54, 26.87, 10.76
CIE LCh	81, 28.950, 21.827
Yxy	57.6439, 0.3775, 0.3292
Android (android.graphics.Color)	4294948277 (0xFFFFB5B5)
YUV	203.1260, -10.9081, 45.4935
Hunter-Lab	75.9236, 22.5484, 13.0399

Details

The XYZ color **66.1044, 57.6439, 51.3584** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.8648, 88.5608, 107.8613**, and the grayscale version is **56.8921, 59.8549, 65.1820**.

A 20% lighter version of the original color is **86.8102, 87.9428, 92.5200**, and **34.6414, 28.8672, 24.1682** is the 20% darker color. If you saturate the color by 10%, you get **59.0047, 47.2556, 37.2429**, and if you desaturate by 10%, it is **74.6346, 70.1266, 68.3145**.

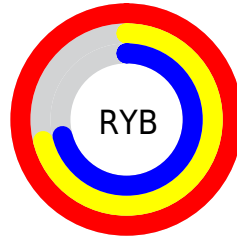
Distribution



Red (100%)

Green (71%)

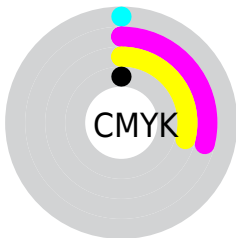
Blue (71%)



Red (100%)

Yellow (71%)

Blue (71%)

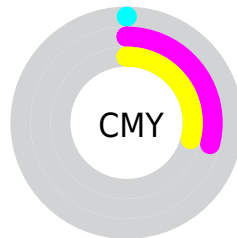


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.1044, 57.6439, 51.3584 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 66.1044, 57.6439, 51.3584 by changing the saturation by 10% instead.


 66.1044, 57.6439,
51.3584

 66.1044, 57.6439,
51.3584


436.2329,
415.8577, 408.8409

 48.6252, 41.5224,
36.1152


 112.6931,
101.4041, 93.6012

 34.5355, 28.7275,
24.2328


142.5332,
129.8117, 121.4380

 23.4702, 18.8748,
15.2926


177.2244,
163.0833, 154.3097

 15.0637, 11.5798,
8.8761

217.1319,
201.6036, 192.6348

 8.9507, 6.4583,
4.5647

262.6212,
245.7567, 236.8320

 4.7659, 3.1257,
1.9400


314.0575,

 2.1439, 1.1977,


295.9272, 287.3197


0.5180

371.8063,
352.4994, 344.5165


 0.7129, 0.0598,
0.0000


 0.0000, 0.0000,
0.0000


 66.1044, 57.6439,
51.3584


 66.1044, 57.6439,
51.3584

 59.0047, 47.2556,
37.2429


 74.6346, 70.1266,
68.3145

 53.2533, 38.8396,
25.8096

 84.6631, 84.8011,
88.2510

 48.7662, 32.2736,
16.8898

95.0500, 100.0000,
108.9000

 45.4482, 27.4184,
10.2943

■ 43.1909, 24.1151,
5.8072

■ 41.8653, 22.1751,
3.1724

■ 41.2810, 21.3201,
2.0113

■ 41.2402, 21.2604,
1.9301

Harmonies

Analogous

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



66.9051, 57.6439, 67.5360



66.1044, 57.6439, 51.3584



62.1643, 57.6439, 40.3784

Triad

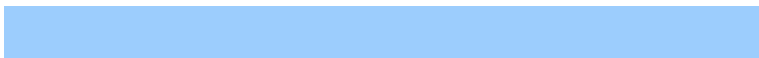
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.1044, 57.6439, 51.3584



46.2818, 57.6439, 44.6220



53.1792, 57.6439, 101.0821

Complementary

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



66.1044, 57.6439, 51.3584



72.8648, 88.5608, 107.8613

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.



48.0210, 57.6439, 92.1909



66.1044, 57.6439, 51.3584



44.2314, 57.6439, 58.2230

Square

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



66.1044, 57.6439, 51.3584



50.6462, 57.6439, 37.0074



44.8443, 57.6439, 75.7453



59.1514, 57.6439, 98.3385

Rectangle

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



66.1044, 57.6439, 51.3584



58.4331, 57.6439, 36.5074



44.8443, 57.6439, 75.7453



51.2992, 57.6439, 99.3052

Sweetspot

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



66.1058, 57.6465, 51.3595



84.6837, 84.8313, 88.2919



75.8142, 61.5283, 102.4881



17.7929, 17.6702, 18.2363



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.



66.1058, 57.6465, 51.3595



61.6919, 51.1878, 42.5850



74.6522, 74.7394, 54.2084



18.0096, 17.9873, 18.6670



21.5489, 11.1091, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

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



72.8648, 88.5608, 107.8613



69.4817, 86.8163, 107.7029



62.1780, 67.1871, 104.2990



18.5548, 20.4813, 23.2253



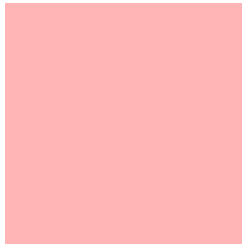
28.1141, 41.1379, 55.8932



2.7374, 4.0055, 5.4421

Previews

White Background



This preview shows how the XYZ color 66.1044, 57.6439, 51.3584 looks on a white background.

Color Contrast Check

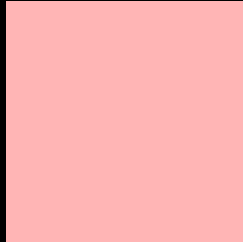
Large Text (above 18pt) WCAG AA × Fail

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 66.1044, 57.6439, 51.3584 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 66.1044, 57.6439, 51.3584

Background



This preview shows how black text looks on a background with the XYZ color 66.1044, 57.6439, 51.3584.



This preview shows how white text looks on a background with the XYZ color 66.1044, 57.6439,

51.3584.

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

66.1044, 57.6439, 51.3584

Protanopia

55.2810, 57.7302, 57.5196

Deuteranopia

58.8852, 57.7255, 50.6864



Tritanopia

67.1869, 57.7528, 58.0583

Trichromacy



Original Color

66.1044, 57.6439, 51.3584



Protanomaly

58.5597, 57.1344, 54.9553



Deuteranomaly

61.3609, 57.6950, 51.0822



Tritanomaly

66.7466, 57.5766, 55.7396

Monochromacy



Original Color

66.1044, 57.6439, 51.3584



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

59.4896, 58.4999, 59.7859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1044, 57.6439, 51.3584 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, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 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, 181, 181) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 66.1044, 57.6439, 51.3584 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, 181, 181) }
```


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

```
.border{ border-color:rgb(255, 181, 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, 181, 181)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 66.1044, 57.6439, 51.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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