

Converting Colors

XYZ(64.1843, 57.5671, 53.1324)

Have a look what the booklet for
XYZ(64.1843, 57.5671, 53.1324)
contains.

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Color

**XYZ(64.1500, 57.5158,
53.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B8B8
RGB	247, 184, 184
RGB Percent	97%, 72%, 72%
CMY	0.0314, 0.2784, 0.2784
CMYK	0.00, 0.26, 0.26, 0.03
HSL	0°, 80%, 85%
HSV	0°, 26%, 97%
XYZ	64.1500, 57.5158, 53.0680
YIQ	202.8370, 37.5480, 13.3560

Conversions

Conversions Part 2

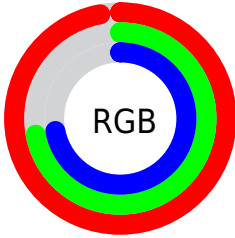
Format	Color
R _Y B	247, 184, 184
Decimal	16234680
CIE Lab	80.47, 22.77, 8.93
CIE LCh	80, 24.462, 21.415
Yxy	57.5158, 0.3671, 0.3292
Android (android.graphics.Color)	4294424760 (0xFFF7B8B8)
YUV	202.8370, -9.2866, 38.7310
Hunter-Lab	75.8392, 18.2691, 11.5996

Details

The XYZ color **64.1500, 57.5158, 53.0680** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.8155, 83.4249, 100.4190**, and the grayscale version is **56.7037, 59.6567, 64.9661**.

A 20% lighter version of the original color is **88.1283, 89.8714, 95.1401**, and **33.1993, 28.6901, 25.2607** is the 20% darker color. If you saturate the color by 10%, you get **57.0933, 47.1902, 39.0376**, and if you desaturate by 10%, it is **72.5576, 69.8188, 69.7801**.

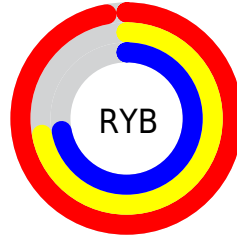
Distribution



Red (97%)

Green (72%)

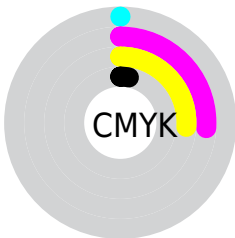
Blue (72%)



Red (97%)

Yellow (72%)

Blue (72%)

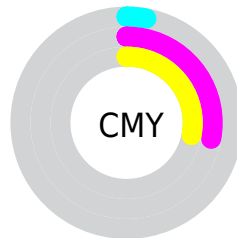


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (3%)



Cyan (3%)


Magenta (28%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1500, 57.5158, 53.0680 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 64.1500, 57.5158, 53.0680 by changing the saturation by 10% instead.


 64.1500, 57.5158,
53.0680

 64.1500, 57.5158,
53.0680


429.3248,
415.3793, 415.6196

 47.0343, 41.4195,
37.4690


 109.8995,
101.2174, 96.1470

 33.2708, 28.6470,
25.2722


139.2639,
129.5915, 124.4640

 22.4942, 18.8140,
16.0591


173.4421,
162.8270, 157.8574

 14.3391, 11.5359,
9.4112

212.7992,
201.3083, 196.7458

 8.4402, 6.4285,
4.9099

257.7007,
245.4198, 241.5477

 4.4320, 3.1074,
2.1367

308.5118,

 1.9493, 1.1880,

295.5459, 292.6816

0.6375

365.5981,
352.0709, 350.5661

0.6053, 0.0519,
0.0000

0.0000, 0.0000,
0.0000

64.1500, 57.5158,
53.0680

64.1500, 57.5158,
53.0680

57.0933, 47.1902,
39.0376

72.5576, 69.8188,
69.7801

51.3127, 38.7315,
27.5462

82.3763, 84.1864,
89.2997

46.7334, 32.0306,
18.4431

92.1679, 98.5142,
108.7651

43.2709, 26.9639,
11.5602

■ 40.8298, 23.3918,
6.7078

■ 39.2987, 21.1511,
3.6645

■ 38.5400, 20.0407,
2.1566

■ 38.3581, 19.7746,
1.7952

Harmonies

Analogous

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



64.7728, 57.5158, 66.8408



64.1500, 57.5158, 53.0680



60.9078, 57.5158, 43.4137

Triad

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



64.1500, 57.5158, 53.0680



47.4667, 57.5158, 46.9243



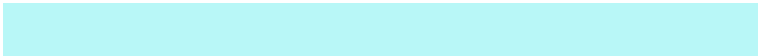
53.2395, 57.5158, 94.1130

Complementary

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



64.1500, 57.5158, 53.0680



69.8155, 83.4249, 100.4190

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.



48.8678, 57.5158, 86.8026



64.1500, 57.5158, 53.0680



45.6712, 57.5158, 58.5902

Square

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



64.1500, 57.5158, 53.0680



51.2194, 57.5158, 40.2624



46.1679, 57.5158, 73.2654



58.2660, 57.5158, 92.0317

Rectangle

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



64.1500, 57.5158, 53.0680



57.8000, 57.5158, 39.9156



46.1679, 57.5158, 73.2654



51.6494, 57.5158, 92.6365

Sweetspot

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



64.1516, 57.5185, 53.0692



85.7720, 86.4238, 90.4554



72.2873, 60.7712, 95.9161



18.0096, 17.9873, 18.6670



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.



64.1516, 57.5185, 53.0692



64.5882, 55.4260, 48.3425



71.4380, 72.0914, 55.4980



16.4993, 16.4827, 17.1094



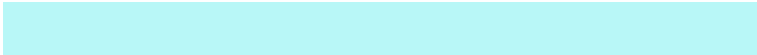
20.2863, 10.4582, 0.9494



1.7830, 0.9192, 0.0835

Inverse Universe

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



69.8155, 83.4249, 100.4190



71.7013, 87.9605, 107.8068



60.9843, 65.7623, 97.4753



16.9967, 18.7576, 21.2673



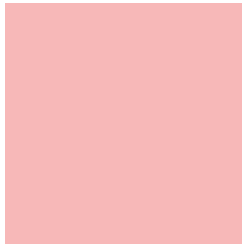
26.4665, 38.7268, 52.6181



2.3262, 3.4038, 4.6246

Previews

White Background



This preview shows how the XYZ color 64.1500, 57.5158, 53.0680 looks on a white background.

Color Contrast Check

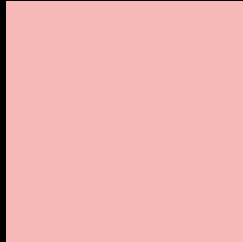
Large Text (above 18pt) WCAG AA × Fail

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 64.1500, 57.5158, 53.0680 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 64.1500, 57.5158, 53.0680

Background



This preview shows how black text looks on a background with the XYZ color 64.1500, 57.5158, 53.0680.



This preview shows how white text looks on a background with the XYZ color 64.1500, 57.5158,

53.0680.

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

64.1500, 57.5158, 53.0680

Protanopia

55.1147, 57.6318, 58.0884

Deuteranopia

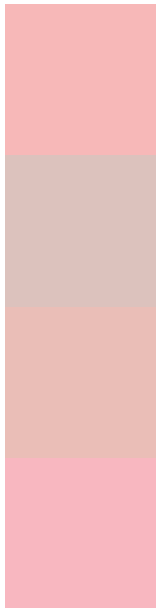
58.8775, 57.6861, 52.2873



Tritanopia

65.4032, 57.3979, 59.8563

Trichromacy



Original Color

64.1500, 57.5158, 53.0680

Protanomaly

57.9923, 57.4733, 56.1811

Deuteranomaly

60.8924, 57.7382, 52.7350

Tritanomaly

65.1593, 57.6292, 57.5585

Monochromacy



Original Color

64.1500, 57.5158, 53.0680

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.9172, 58.5254, 60.4158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1500, 57.5158, 53.0680 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(247, 184, 184)` looks like.

```
.text, #text, p{  
    color:rgb(247, 184, 184)  
}
```

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(247, 184, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 184, 184) }
```

Border

The CSS property to change the border of an element to XYZ 64.1500, 57.5158, 53.0680 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(247, 184, 184) }
```


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

```
.border{ border-color:rgb(247, 184, 184) }
```

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

Here you see how a box with a 4 pixel rgb(247, 184, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 184, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 184, 184);  
box-shadow:4px 4px 4px 4px rgb(247, 184,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1500, 57.5158, 53.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 184, 184) }
```

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

```
.background{ background-color: rgb(247,  
184, 184) }
```

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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