

Converting Colors

XYZ(68.6307, 63.3706, 50.3787)

Have a look what the booklet for
XYZ(68.6307, 63.3706, 50.3787)
contains.

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Color

**XYZ(68.6909, 63.4645,
50.2244)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3B1
RGB	255, 195, 177
RGB Percent	100%, 76%, 69%
CMY	0.0000, 0.2353, 0.3059
CMYK	0.00, 0.24, 0.31, 0.00
HSL	14°, 100%, 85%
HSV	14°, 31%, 100%
XYZ	68.6909, 63.4645, 50.2244
YIQ	210.8880, 41.5380, 7.1220

Conversions

Conversions Part 2

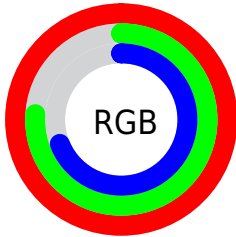
Format	Color
R _Y B	255, 200, 177
Decimal	16761777
CIE Lab	83.69, 19.02, 17.34
CIE LCh	84, 25.738, 42.359
Yxy	63.4645, 0.3766, 0.3480
Android (android.graphics.Color)	4294951857 (0xFFFFC3B1)
YUV	210.8880, -16.7068, 38.6862
Hunter-Lab	79.6646, 14.4988, 18.3860

Details

The XYZ color **68.6909, 63.4645, 50.2244** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.4646, 77.1328, 105.9928**, and the grayscale version is **61.9319, 65.1572, 70.9562**.

A 20% lighter version of the original color is **90.7584, 96.7640, 90.9846**, and **36.1889, 32.3753, 23.4105** is the 20% darker color. If you saturate the color by 10%, you get **62.2732, 54.3237, 36.6955**, and if you desaturate by 10%, it is **76.1639, 73.9556, 66.4495**.

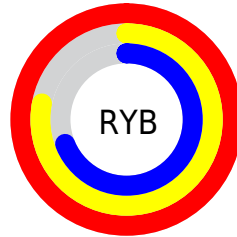
Distribution



Red (100%)

Green (76%)

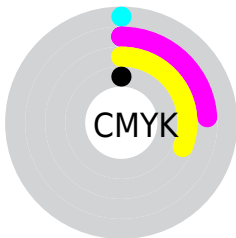
Blue (69%)



Red (100%)

Yellow (78%)

Blue (69%)

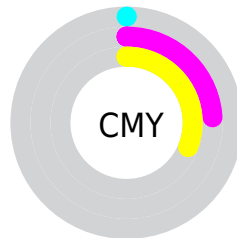


Cyan (0%)

Magenta (24%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.6909, 63.4645, 50.2244 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 68.6909, 63.4645, 50.2244 by changing the saturation by 10% instead.


 68.6909, 63.4645,
50.2244

 68.6909, 63.4645,
50.2244

445.2785,
437.2533, 404.3030

 50.7357, 46.2171,
35.2193


 116.3765,
109.8394, 91.9070

 36.2185, 32.4172,
23.5470


146.8376,
139.7356, 119.4216

 24.7739, 21.6803,
14.7888


182.1981,
174.6169, 151.9431

 16.0365, 13.6222,
8.5263

222.8233,
214.8677, 189.8900

 9.6410, 7.8584,
4.3410

269.0786,
260.8723, 233.6809

 5.2220, 4.0045,
1.8142

321.3293,

 2.4142, 1.6761,

313.0152, 283.7344

0.4373

379.9408,
371.6807, 340.4689

■ 0.8522, 0.4081,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.6909, 63.4645,
50.2244

■ 68.6909, 63.4645,
50.2244

■ 62.2732, 54.3237,
36.6955

■ 76.1639, 73.9556,
66.4495

■ 56.8574, 46.4692,
25.7119

■ 84.7332, 85.8403,
85.5028

■ 52.3921, 39.8448,
17.1137

■ 94.4430, 99.1706,
107.5120

■ 48.8192, 34.3864,
10.7210

■ 95.0500, 100.0000,
108.9000

■ 46.0740, 30.0239,
6.3284

■ 44.0815, 26.6792,
3.6905

■ 42.7969, 24.3739,
2.4490

Harmonies

Analogous

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



71.5415, 63.4645, 62.6680



68.6909, 63.4645, 50.2244



63.6661, 63.4645, 43.5384

Triad

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



68.6909, 63.4645, 50.2244



50.5694, 63.4645, 60.1145



62.6711, 63.4645, 104.0797

Complementary

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



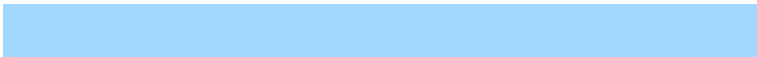
68.6909, 63.4645, 50.2244



66.4646, 77.1328, 105.9928

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.



57.0953, 63.4645, 103.1099



68.6909, 63.4645, 50.2244



50.3399, 63.4645, 75.9621

Square

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



68.6909, 63.4645, 50.2244



53.3082, 63.4645, 48.6068



52.6604, 63.4645, 92.2008



67.9235, 63.4645, 94.6743

Rectangle

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



68.6909, 63.4645, 50.2244



59.8760, 63.4645, 42.4933



52.6604, 63.4645, 92.2008



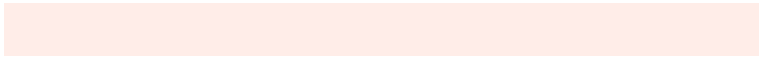
60.7684, 63.4645, 104.9932

Sweetspot

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



68.6925, 63.4674, 50.2257



86.1975, 87.8589, 88.7965



72.4098, 58.8838, 88.5155



18.1624, 18.4092, 18.3594



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.



68.6925, 63.4674, 50.2257



64.4582, 57.4529, 41.2488



78.2867, 82.6558, 53.4237



18.3496, 18.6673, 18.7804



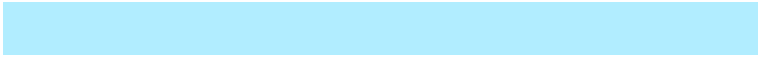
22.4550, 12.9212, 1.3105



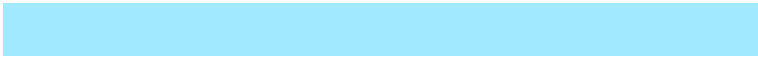
2.2650, 1.4153, 0.1538

Inverse Universe

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



66.4646, 77.1328, 105.9928



61.8789, 73.1636, 105.4684



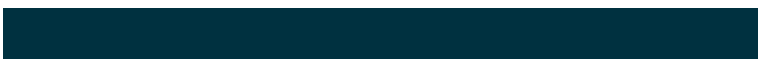
56.6285, 57.4606, 102.7141



18.1785, 19.7286, 23.0998



19.8812, 24.6720, 53.1489



2.0181, 2.5668, 5.2024

Previews

White Background



This preview shows how the XYZ color 68.6909, 63.4645, 50.2244 looks on a white background.

Color Contrast Check

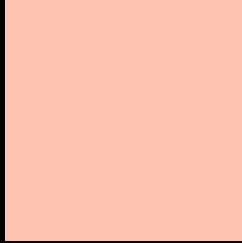
Large Text (above 18pt) WCAG AA × Fail

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 68.6909, 63.4645, 50.2244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

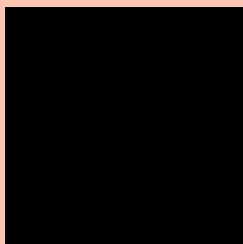
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.6909, 63.4645, 50.2244

Background



This preview shows how black text looks on a background with the XYZ color 68.6909, 63.4645, 50.2244.



This preview shows how white text looks on a background with the XYZ color 68.6909, 63.4645,

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

68.6909, 63.4645, 50.2244

Protanopia

60.4210, 63.6325, 54.4452

Deuteranopia

64.9987, 63.6086, 49.9262



Tritanopia

71.2302, 63.4155, 66.8787

Trichromacy



Original Color

68.6909, 63.4645, 50.2244

Protanomaly

62.9751, 63.2039, 52.5965

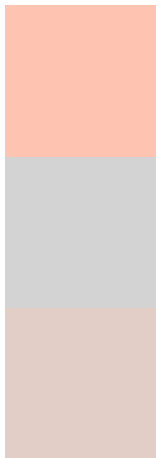
Deuteranomaly

66.2659, 63.5743, 49.8528

Tritanomaly

70.1603, 63.3401, 60.1578

Monochromacy



Original Color

68.6909, 63.4645, 50.2244

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.8187, 64.1171, 63.0451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6909, 63.4645, 50.2244 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, 195, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 177)  
}
```

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, 195, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 177) }
```

Border

The CSS property to change the border of an element to XYZ 68.6909, 63.4645, 50.2244 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, 195, 177) }
```


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

```
.border{ border-color:rgb(255, 195, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 195, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 195, 177); box-shadow:4px 4px 4px 4px rgb(255, 195, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6909, 63.4645, 50.2244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 177) }
```

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

```
.background{ background-color: rgb(255,  
195, 177) }
```

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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