

Converting Colors

XYZ(68.8581, 63.5583, 51.0219)

Have a look what the booklet for
XYZ(68.8581, 63.5583, 51.0219)
contains.

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Color

**XYZ(68.8918, 63.5449,
51.2822)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3B3
RGB	255, 195, 179
RGB Percent	100%, 76%, 70%
CMY	0.0000, 0.2353, 0.2980
CMYK	0.00, 0.24, 0.30, 0.00
HSL	13°, 100%, 85%
HSV	13°, 30%, 100%
XYZ	68.8918, 63.5449, 51.2822
YIQ	211.1160, 40.8960, 7.7440

Conversions

Conversions Part 2

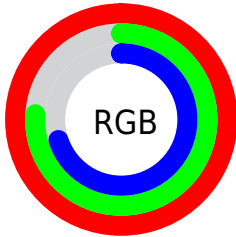
Format	Color
R _Y B	255, 199, 179
Decimal	16761779
CIE Lab	83.73, 19.27, 16.34
CIE LCh	84, 25.267, 40.284
Yxy	63.5449, 0.3750, 0.3459
Android (android.graphics.Color)	4294951859 (0xFFFFC3B3)
YUV	211.1160, -15.8332, 38.4863
Hunter-Lab	79.7151, 14.7629, 17.6582

Details

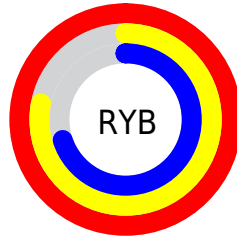
The XYZ color **68.8918, 63.5449, 51.2822** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.5058, 78.5340, 106.2084**, and the grayscale version is **62.0773, 65.3102, 71.1228**.

A 20% lighter version of the original color is **91.0458, 96.8790, 92.4981**, and **36.3167, 32.4264, 24.0835** is the 20% darker color. If you saturate the color by 10%, you get **62.3373, 54.1884, 37.5285**, and if you desaturate by 10%, it is **76.5345, 74.3140, 67.7528**.

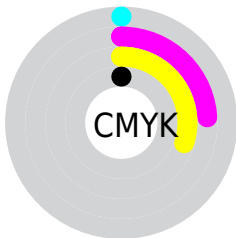
Distribution



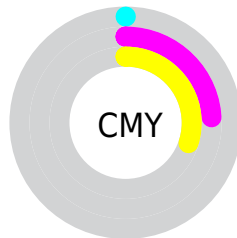
- Red (100%)
- Green (76%)
- Blue (70%)



- Red (100%)
- Yellow (78%)
- Blue (70%)



- Cyan (0%)
- Magenta (24%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.8918, 63.5449, 51.2822 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 68.8918, 63.5449, 51.2822 by changing the saturation by 10% instead.


 68.8918, 63.5449,
51.2822

 68.8918, 63.5449,
51.2822

445.9766,
437.5443, 408.5370

 50.8999, 46.2822,
36.0550


 116.6619,
109.9553, 93.4875

 36.3497, 32.4685,
24.1866


147.1709,
139.8717, 121.3027

 24.8757, 21.7196,
15.2586


182.5829,
174.7748, 154.1510

 16.1127, 13.6510,
8.8525

223.2634,
215.0490, 192.4508

 9.6953, 7.8784,
4.5496

269.5776,
261.0786, 236.6208

 5.2581, 4.0172,
1.9314

321.8910,

 2.4358, 1.6832,

313.2481, 287.0795

0.5126

380.5689,
371.9419, 344.2454

■ 0.8630, 0.4127,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.8918, 63.5449,
51.2822

■ 68.8918, 63.5449,
51.2822

■ 62.3373, 54.1884,
37.5285

■ 76.5345, 74.3140,
67.7528

■ 56.8156, 46.1770,
26.3411

■ 85.3077, 86.5424,
87.0721

■ 52.2739, 39.4505,
17.5607

95.0500, 100.0000,
108.9000

■ 48.6520, 33.9407,
11.0084

■ 45.8832, 29.5726,
6.4800

■ 43.8905, 26.2626,
3.7333

■ 42.5665, 23.9085,
2.3857

■ 42.5453, 23.8707,
2.3651

Harmonies

Analogous

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



71.4945, 63.5449, 63.8856



68.8918, 63.5449, 51.2822



64.0621, 63.5449, 44.2648

Triad

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



68.8918, 63.5449, 51.2822



50.9161, 63.5449, 59.4015



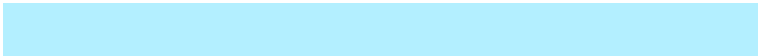
62.3190, 63.5449, 103.7497

Complementary

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



68.8918, 63.5449, 51.2822



67.5058, 78.5340, 106.2084

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.



56.8754, 63.5449, 102.0585



68.8918, 63.5449, 51.2822



50.5127, 63.5449, 74.7793

Square

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



68.8918, 63.5449, 51.2822



53.7696, 63.5449, 48.4324



52.6318, 63.5449, 90.8447



67.5489, 63.5449, 95.1634

Rectangle

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



68.8918, 63.5449, 51.2822



60.3447, 63.5449, 42.9507



52.6318, 63.5449, 90.8447



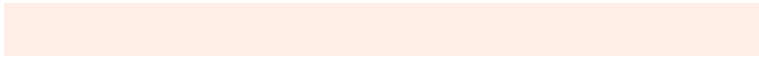
60.4504, 63.5449, 104.3925

Sweetspot

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



68.8934, 63.5478, 51.2835



86.0630, 87.5898, 88.7517



73.0589, 59.7802, 89.9707



18.1294, 18.3433, 18.3485



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.



68.8934, 63.5478, 51.2835



64.7060, 57.5860, 42.4492



78.2899, 82.3409, 54.4157



18.3193, 18.6068, 18.7703



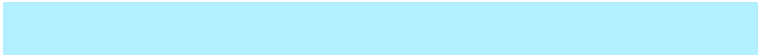
22.3169, 12.6451, 1.2645



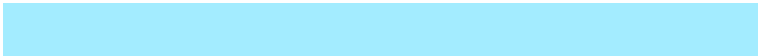
2.2476, 1.3805, 0.1480

Inverse Universe

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



67.5058, 78.5340, 106.2084



63.0950, 74.8272, 105.7254



57.7146, 58.9516, 102.9447



18.2110, 19.7937, 23.1107



20.4939, 25.8973, 53.3531



2.0728, 2.6764, 5.2206

Previews

White Background



This preview shows how the XYZ color 68.8918, 63.5449, 51.2822 looks on a white background.

Color Contrast Check

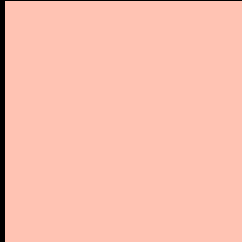
Large Text (above 18pt) WCAG AA × Fail

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 68.8918, 63.5449, 51.2822 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 68.8918, 63.5449, 51.2822

Background



This preview shows how black text looks on a background with the XYZ color 68.8918, 63.5449, 51.2822.



This preview shows how white text looks on a background with the XYZ color 68.8918, 63.5449,

51.2822.

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

68.8918, 63.5449, 51.2822

Protanopia

60.3322, 63.5623, 55.5433

Deuteranopia

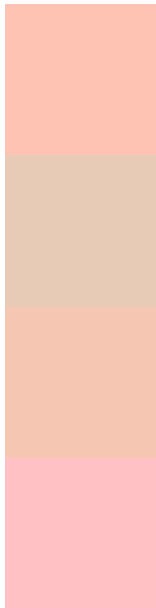
64.8577, 63.5129, 50.9603



Tritanopia

71.2302, 63.4155, 66.8787

Trichromacy



Original Color

68.8918, 63.5449, 51.2822

Protanomaly

62.8582, 63.1197, 53.6701

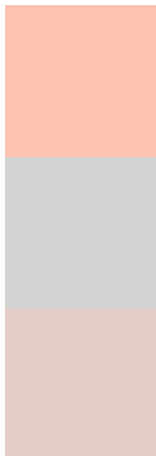
Deuteranomaly

66.1155, 63.4737, 50.8865

Tritanomaly

70.2738, 63.3855, 60.7553

Monochromacy



Original Color

68.8918, 63.5449, 51.2822

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 68.8918, 63.5449, 51.2822 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 179) }
```

Border

The CSS property to change the border of an element to XYZ 68.8918, 63.5449, 51.2822 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, 179) }
```


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

```
.border{ border-color:rgb(255, 195, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8918, 63.5449, 51.2822 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, 179) }
```

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

```
.background{ background-color: rgb(255,  
195, 179) }
```

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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