

Converting Colors

XYZ(69.2134, 64.0255, 51.8909)

Have a look what the booklet for
XYZ(69.2134, 64.0255, 51.8909)
contains.

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Color

**XYZ(69.2181, 64.0351,
51.8918)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4B4
RGB	255, 196, 180
RGB Percent	100%, 77%, 71%
CMY	0.0000, 0.2313, 0.2941
CMYK	0.00, 0.23, 0.29, 0.00
HSL	13°, 100%, 85%
HSV	13°, 29%, 100%
XYZ	69.2181, 64.0351, 51.8918
YIQ	211.8170, 40.3000, 7.5320

Conversions

Conversions Part 2

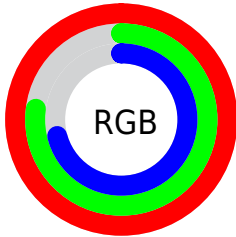
Format	Color
R _Y B	255, 200, 180
Decimal	16762036
CIE Lab	83.98, 18.88, 16.16
CIE LCh	84, 24.854, 40.568
Yxy	64.0351, 0.3739, 0.3459
Android (android.graphics.Color)	4294952116 (0xFFFFC4B4)
YUV	211.8170, -15.6858, 37.8715
Hunter-Lab	80.0219, 14.3622, 17.5676

Details

The XYZ color **69.2181, 64.0351, 51.8918** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.7378, 78.6536, 106.2192**, and the grayscale version is **62.5413, 65.7983, 71.6543**.

A 20% lighter version of the original color is **91.5056, 97.5667, 93.3663**, and **36.5297, 32.7486, 24.4745** is the 20% darker color. If you saturate the color by 10%, you get **62.6298, 54.6402, 38.0369**, and if you desaturate by 10%, it is **76.8925, 74.8369, 68.4678**.

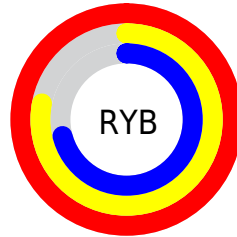
Distribution



Red (100%)

Green (77%)

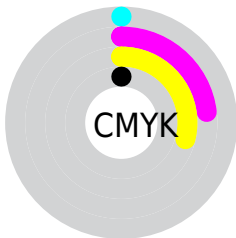
Blue (71%)



Red (100%)

Yellow (78%)

Blue (71%)

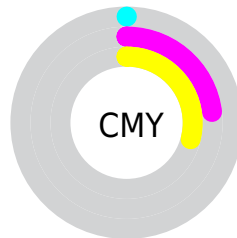


Cyan (0%)

Magenta (23%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.2181, 64.0351, 51.8918 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 69.2181, 64.0351, 51.8918 by changing the saturation by 10% instead.


 69.2181, 64.0351,
51.8918

 69.2181, 64.0351,
51.8918


447.1092,
439.3164, 410.9638

 51.1666, 46.6791,
36.5372


 117.1254,
110.6615, 94.3966

 36.5628, 32.7820,
24.5564


147.7119,
140.7007, 122.3839

 25.0413, 21.9595,
15.5309


183.2076,
175.7364, 155.4191

 16.2367, 13.8272,
9.0420


223.9776,
216.1530, 193.9209

 9.7837, 8.0006,
4.6714

270.3874,
262.3349, 238.3077

 5.3170, 4.0953,
2.0005

322.8024,

 2.4711, 1.7270,

314.6665, 288.9981

0.5556

381.5879,
373.5322, 346.4106

■ 0.8807, 0.4411,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.2181, 64.0351,
51.8918

■ 69.2181, 64.0351,
51.8918

■ 62.6298, 54.6402,
38.0369

■ 76.8925, 74.8369,
68.4678

■ 57.0725, 46.5850,
26.7531

■ 85.6948, 87.0912,
87.8961

■ 52.4939, 39.8103,
17.8817

95.0500, 100.0000,
108.9000

■ 48.8345, 34.2487,
11.2448

■ 46.0281, 29.8263,
6.6395

■ 43.9987, 26.4609,
3.8255

■ 42.6430, 24.0529,
2.4383

■ 42.5787, 23.9374,
2.3762

Harmonies

Analogous

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



71.8130, 64.0351, 64.3373



69.2181, 64.0351, 51.8918



64.4344, 64.0351, 44.9751

Triad

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



69.2181, 64.0351, 51.8918



51.4633, 64.0351, 60.1638



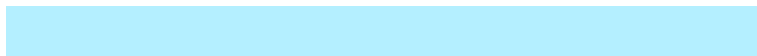
62.8152, 64.0351, 103.7699

Complementary

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



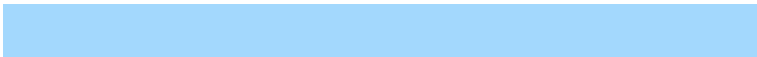
69.2181, 64.0351, 51.8918



67.7378, 78.6536, 106.2192

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.



57.4270, 64.0351, 102.2053



69.2181, 64.0351, 51.8918



51.0876, 64.0351, 75.4019

Square

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



69.2181, 64.0351, 51.8918



54.2688, 64.0351, 49.2319



53.2096, 64.0351, 91.2330



67.9718, 64.0351, 95.2328

Rectangle

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



69.2181, 64.0351, 51.8918



60.7591, 64.0351, 43.7058



53.2096, 64.0351, 91.2330



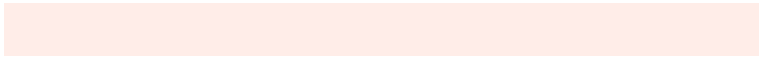
60.9679, 64.0351, 104.4362

Sweetspot

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



69.2197, 64.0381, 51.8931



86.0816, 87.6271, 88.7579



73.2898, 60.1944, 90.1942



18.1340, 18.3524, 18.3500



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.



69.2197, 64.0381, 51.8931



65.4064, 58.6167, 43.8231



78.4761, 82.5507, 54.9785



18.3235, 18.6152, 18.7717



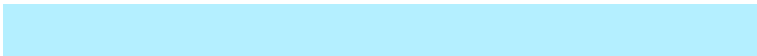
22.3353, 12.6818, 1.2706



2.2499, 1.3852, 0.1488

Inverse Universe

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



67.7378, 78.6536, 106.2192



63.7057, 75.2643, 105.7776



58.1110, 59.4000, 103.0103



18.2065, 19.7847, 23.1092



20.4077, 25.7250, 53.3244



2.0652, 2.6610, 5.2181

Previews

White Background



This preview shows how the XYZ color 69.2181, 64.0351, 51.8918 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 69.2181, 64.0351, 51.8918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

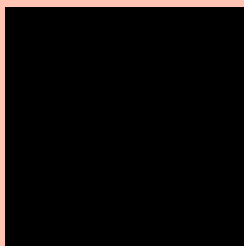
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2181, 64.0351, 51.8918

Background



This preview shows how black text looks on a background with the XYZ color 69.2181, 64.0351, 51.8918.



This preview shows how white text looks on a background with the XYZ color 69.2181, 64.0351,

51.8918.

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

69.2181, 64.0351, 51.8918

Protanopia

60.9835, 64.2489, 56.2008

Deuteranopia

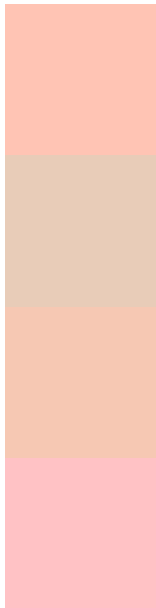
65.5328, 64.1965, 51.5850



Tritanopia

71.5724, 63.9049, 67.5941

Trichromacy



Original Color

69.2181, 64.0351, 51.8918

Protanomaly

63.5233, 63.8022, 54.3144

Deuteranomaly

66.7970, 64.1561, 51.5106

Tritanomaly

70.6098, 63.8748, 61.4308

Monochromacy



Original Color

69.2181, 64.0351, 51.8918

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.4915, 64.8067, 63.7535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2181, 64.0351, 51.8918 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, 196, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 180)  
}
```

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, 196, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 180) }
```

Border

The CSS property to change the border of an element to XYZ 69.2181, 64.0351, 51.8918 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, 196, 180) }
```


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

```
.border{ border-color:rgb(255, 196, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2181, 64.0351, 51.8918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 180) }
```

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

```
.background{ background-color: rgb(255,  
196, 180) }
```

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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