

Converting Colors

XYZ(70.0586, 65.9648, 51.4201)

Have a look what the booklet for
XYZ(70.0586, 65.9648, 51.4201)
contains.

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Color

**XYZ(69.9302, 65.7829,
51.1311)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8B2
RGB	255, 200, 178
RGB Percent	100%, 78%, 70%
CMY	0.0000, 0.2157, 0.3020
CMYK	0.00, 0.22, 0.30, 0.00
HSL	17°, 100%, 85%
HSV	17°, 30%, 100%
XYZ	69.9302, 65.7829, 51.1311
YIQ	213.9370, 39.8420, 4.8180

Conversions

Conversions Part 2

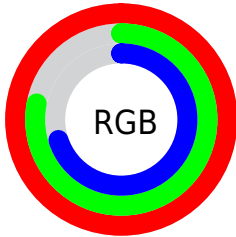
Format	Color
R _Y B	255, 209, 178
Decimal	16763058
CIE Lab	84.89, 16.53, 18.49
CIE LCh	85, 24.799, 48.193
Yxy	65.7829, 0.3743, 0.3521
Android (android.graphics.Color)	4294953138 (0xFFFFC8B2)
YUV	213.9370, -17.7169, 36.0123
Hunter-Lab	81.1067, 11.9661, 19.3972

Details

The XYZ color **69.9302, 65.7829, 51.1311** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.5480, 74.9603, 105.6218**, and the grayscale version is **63.9722, 67.3037, 73.2937**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **37.0065, 33.9088, 23.9966** is the 20% darker color. If you saturate the color by 10%, you get **63.6344, 56.9149, 37.5534**, and if you desaturate by 10%, it is **77.2076, 75.8522, 67.3854**.

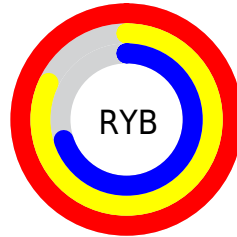
Distribution



Red (100%)

Green (78%)

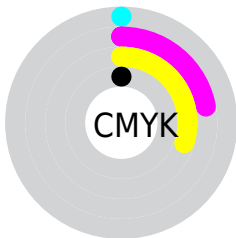
Blue (70%)



Red (100%)

Yellow (82%)

Blue (70%)

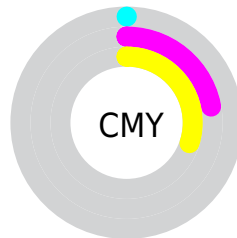


Cyan (0%)

Magenta (22%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.9302, 65.7829, 51.1311 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 69.9302, 65.7829, 51.1311 by changing the saturation by 10% instead.


 69.9302, 65.7829,
51.1311

 69.9302, 65.7829,
51.1311


449.5751,
445.6001, 407.9340

 51.7490, 48.0962,
35.9355


 118.1360,
113.1747, 93.2620

 37.0285, 33.9031,
24.0951

148.8914,
143.6485, 121.0344

 25.4034, 22.8191,
15.1913


184.5688,
179.1536, 153.8362

 16.5082, 14.4600,
8.8057

225.5338,
220.0742, 192.0858

 9.9776, 8.4413,
4.5196

272.1515,
266.7947, 236.2019

 5.4462, 4.3786,
1.9145

324.7874,

 2.5488, 1.8875,

319.6996, 286.6029

0.5019

383.8068,
379.1733, 343.7074

■ 0.9199, 0.5409,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.9302, 65.7829,
51.1311

■ 69.9302, 65.7829,
51.1311

■ 63.6344, 56.9149,
37.5534

■ 77.2076, 75.8522,
67.3854

■ 58.2715, 49.1936,
26.5033

■ 85.5029, 87.1569,
86.4463

■ 53.7954, 42.5731,
17.8232

94.8564, 99.7410,
108.4401

■ 50.1541, 37.0009,
11.3362

95.0500, 100.0000,
108.9000

■ 47.2892, 32.4199,
6.8399

■ 45.1336, 28.7664,
4.0935

■ 43.6143, 26.0086,
2.7214

Harmonies

Analogous

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



73.2477, 65.7829, 62.4804



69.9302, 65.7829, 51.1311



64.7391, 65.7829, 45.6287

Triad

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



69.9302, 65.7829, 51.1311



52.6273, 65.7829, 65.5391



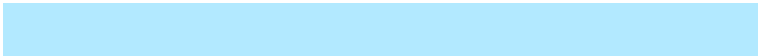
65.9245, 65.7829, 104.8511

Complementary

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



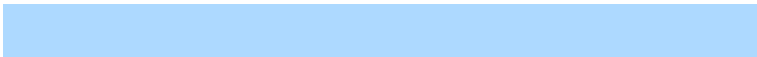
69.9302, 65.7829, 51.1311



65.5480, 74.9603, 105.6218

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.



60.3614, 65.7829, 105.9942



69.9302, 65.7829, 51.1311



52.9028, 65.7829, 81.6240

Square

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



69.9302, 65.7829, 51.1311



54.8851, 65.7829, 53.0833



55.6613, 65.7829, 96.9755



70.8422, 65.7829, 94.0515

Rectangle

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



69.9302, 65.7829, 51.1311



61.0125, 65.7829, 45.3808



55.6613, 65.7829, 96.9755



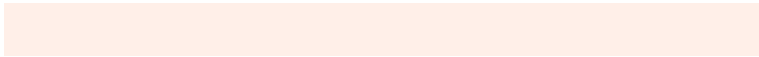
64.0616, 65.7829, 106.4304

Sweetspot

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



69.9318, 65.7859, 51.1324



86.5647, 88.5932, 88.9189



71.8950, 58.9951, 84.8264



18.2522, 18.5889, 18.3894



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.



69.9318, 65.7859, 51.1324



66.1601, 60.4941, 42.9339



79.9429, 85.8082, 54.4695



18.4321, 18.8324, 18.8079



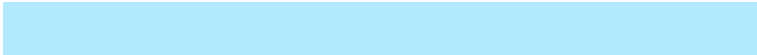
22.8987, 13.8086, 1.4584



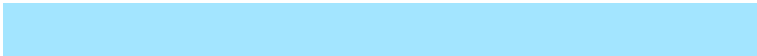
2.3180, 1.5214, 0.1715

Inverse Universe

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



65.5480, 74.9603, 105.6218



61.1496, 70.9364, 105.0769



55.8549, 55.5741, 102.3908



18.0905, 19.5526, 23.0705



18.3196, 21.5488, 52.6284



1.8771, 2.2849, 5.1554

Previews

White Background



This preview shows how the XYZ color 69.9302, 65.7829, 51.1311 looks on a white background.

Color Contrast Check

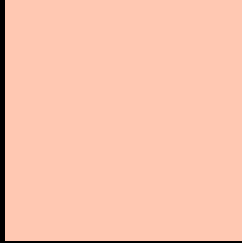
Large Text (above 18pt) WCAG AA × Fail

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 69.9302, 65.7829, 51.1311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

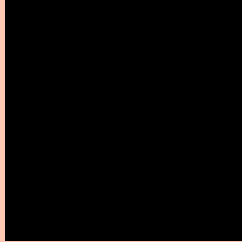
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.9302, 65.7829, 51.1311

Background



This preview shows how black text looks on a background with the XYZ color 69.9302, 65.7829, 51.1311.



This preview shows how white text looks on a background with the XYZ color 69.9302, 65.7829,

51.1311.

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

69.9302, 65.7829, 51.1311

Protanopia

62.6266, 66.2356, 54.8314

Deuteranopia

67.1849, 65.7725, 50.7493



Tritanopia

72.9641, 65.8957, 70.5015

Trichromacy



Original Color

69.9302, 65.7829, 51.1311

Protanomaly

65.2603, 66.1513, 53.5849

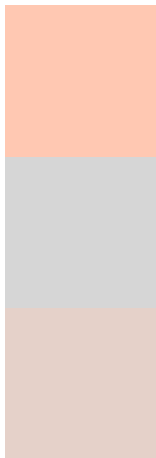
Deuteranomaly

68.3587, 66.0259, 50.7364

Tritanomaly

71.7429, 65.7717, 62.9468

Monochromacy



Original Color

69.9302, 65.7829, 51.1311

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.6562, 66.4760, 64.6290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9302, 65.7829, 51.1311 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, 200, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 178)  
}
```

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, 200, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 178) }
```

Border

The CSS property to change the border of an element to XYZ 69.9302, 65.7829, 51.1311 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, 200, 178) }
```


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

```
.border{ border-color:rgb(255, 200, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9302, 65.7829, 51.1311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 178) }
```

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

```
.background{ background-color: rgb(255,  
200, 178) }
```

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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