

Converting Colors

XYZ(69.5355, 65.0473, 50.8337)

Have a look what the booklet for
XYZ(69.5355, 65.0473, 50.8337)
contains.

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Color

**XYZ(69.4700, 64.8625,
50.9777)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6B2
RGB	255, 198, 178
RGB Percent	100%, 78%, 70%
CMY	0.0000, 0.2235, 0.3020
CMYK	0.00, 0.22, 0.30, 0.00
HSL	16°, 100%, 85%
HSV	16°, 30%, 100%
XYZ	69.4700, 64.8625, 50.9777
YIQ	212.7630, 40.3920, 5.8640

Conversions

Conversions Part 2

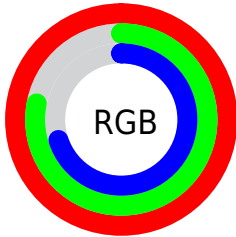
Format	Color
R _Y B	255, 205, 178
Decimal	16762546
CIE Lab	84.41, 17.58, 17.83
CIE LCh	84, 25.034, 45.403
Yxy	64.8625, 0.3749, 0.3500
Android (android.graphics.Color)	4294952626 (0xFFFFC6B2)
YUV	212.7630, -17.1382, 37.0418
Hunter-Lab	80.5373, 13.0307, 18.8473

Details

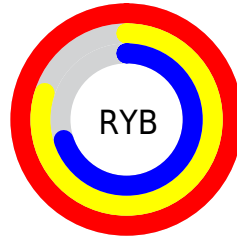
The XYZ color **69.4700, 64.8625, 50.9777** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.1174, 76.0991, 105.8116**, and the grayscale version is **63.1808, 66.4711, 72.3871**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **36.7009, 33.2975, 23.8948** is the 20% darker color. If you saturate the color by 10%, you get **63.0951, 55.8364, 37.3736**, and if you desaturate by 10%, it is **76.8616, 75.1602, 67.2701**.

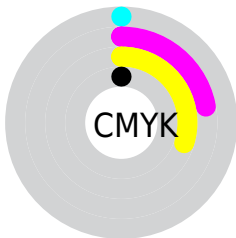
Distribution



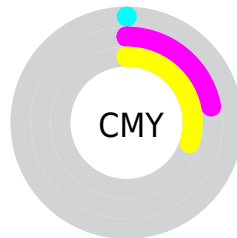
- Red (100%)
- Green (78%)
- Blue (70%)



- Red (100%)
- Yellow (80%)
- 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 69.4700, 64.8625, 50.9777 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 69.4700, 64.8625, 50.9777 by changing the saturation by 10% instead.


 69.4700, 64.8625,
50.9777

 69.4700, 64.8625,
50.9777


447.9824,
442.2977, 407.3212

 51.3726, 47.3496,
35.8143


 117.4830,
111.8522, 93.0330

 36.7275, 33.3121,
24.0022


148.1294,
142.0977, 120.7619

 25.1693, 22.3656,
15.1231


183.6894,
177.3562, 153.5164

 16.3326, 14.1258,
8.7582

224.5285,
218.0122, 191.7150

 9.8522, 8.2082,
4.4892

271.0120,
264.4499, 235.7762

 5.3626, 4.2285,
1.8973

323.5052,

 2.4984, 1.8022,

317.0538, 286.1186

0.4910

382.3736,
376.2082, 343.1608

■ 0.8945, 0.4885,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.4700, 64.8625,
50.9777

■ 69.4700, 64.8625,
50.9777

■ 63.0951, 55.8364,
37.3736

■ 76.8616, 75.1602,
67.2701

■ 57.6862, 48.0230,
26.3082

■ 85.3083, 86.7678,
86.3815

■ 53.1949, 41.3719,
17.6230

94.8522, 99.7327,
108.4387

■ 49.5665, 35.8256,
11.1404

95.0500, 100.0000,
108.9000

■ 46.7399, 31.3213,
6.6568

■ 44.6449, 27.7890,
3.9305

■ 43.2029, 25.1858,
2.5843

Harmonies

Analogous

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



72.5491, 64.8625, 62.7953



69.4700, 64.8625, 50.9777



64.3853, 64.8625, 44.9312

Triad

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



69.4700, 64.8625, 50.9777



51.8661, 64.8625, 63.1811



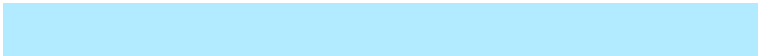
64.5351, 64.8625, 104.4701

Complementary

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



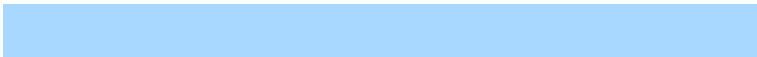
69.4700, 64.8625, 50.9777



66.1174, 76.0991, 105.8116

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.



58.9930, 64.8625, 104.6150



69.4700, 64.8625, 50.9777



51.9009, 64.8625, 79.0783

Square

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



69.4700, 64.8625, 50.9777



54.3419, 64.8625, 51.2234



54.4398, 64.8625, 94.7633



69.5853, 64.8625, 94.3930

Rectangle

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



69.4700, 64.8625, 50.9777



60.6480, 64.8625, 44.3033



54.4398, 64.8625, 94.7633



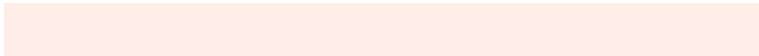
62.6627, 64.8625, 105.7271

Sweetspot

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



69.4716, 64.8655, 50.9790



86.3908, 88.2454, 88.8610



72.2648, 59.1430, 86.7738



18.2097, 18.5038, 18.3752



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.



69.4716, 64.8655, 50.9790



65.6498, 59.4735, 42.7638



79.1997, 84.3217, 54.2217



18.3930, 18.7542, 18.7948



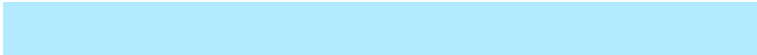
22.6761, 13.3634, 1.3842



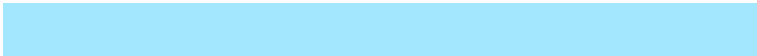
2.2919, 1.4691, 0.1628

Inverse Universe

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



66.1174, 76.0991, 105.8116



61.8131, 72.2633, 105.2981



56.4338, 56.7318, 102.5837



18.1320, 19.6356, 23.0843



19.0394, 22.9885, 52.8683



1.9423, 2.4154, 5.1771

Previews

White Background



This preview shows how the XYZ color 69.4700, 64.8625, 50.9777 looks on a white background.

Color Contrast Check

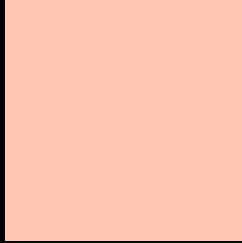
Large Text (above 18pt) WCAG AA × Fail

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 69.4700, 64.8625, 50.9777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

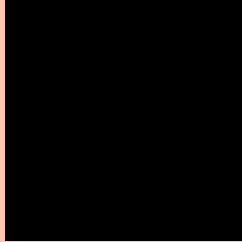
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.4700, 64.8625, 50.9777

Background



This preview shows how black text looks on a background with the XYZ color 69.4700, 64.8625, 50.9777.



This preview shows how white text looks on a background with the XYZ color 69.4700, 64.8625,

50.9777.

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

69.4700, 64.8625, 50.9777

Protanopia

61.5171, 64.9260, 54.6371

Deuteranopia

66.2539, 64.9409, 50.6379



Tritanopia

72.2637, 64.8937, 69.0386

Trichromacy



Original Color

69.4700, 64.8625, 50.9777

Protanomaly

64.1191, 64.8437, 53.3926

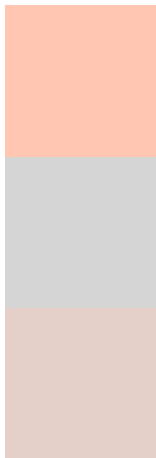
Deuteranomaly

67.1802, 64.7218, 50.5467

Tritanomaly

71.1730, 64.8171, 62.1858

Monochromacy



Original Color

69.4700, 64.8625, 50.9777

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.9761, 65.7759, 63.9150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4700, 64.8625, 50.9777 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, 198, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 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, 198, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 178) }
```

Border

The CSS property to change the border of an element to XYZ 69.4700, 64.8625, 50.9777 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, 198, 178) }
```


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

```
.border{ border-color:rgb(255, 198, 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, 198, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4700, 64.8625, 50.9777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 178) }
```

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

```
.background{ background-color: rgb(255,  
198, 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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