

Converting Colors

XYZ(69.1197, 66.0070, 64.7978)

Have a look what the booklet for
XYZ(69.1197, 66.0070, 64.7978)
contains.

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Color

**XYZ(69.3248, 66.2092,
65.0030)**

Conversions

Conversions Part 1

Format	Color
Hex	F4BCBA
RGB	244, 203, 202
RGB Percent	96%, 80%, 79%
CMY	0.0431, 0.2039, 0.2078
CMYK	0.00, 0.17, 0.17, 0.04
HSL	1°, 66%, 87%
HSV	1°, 17%, 96%
XYZ	69.3248, 66.2092, 65.0030
YIQ	215.1450, 24.7570, 8.3810

Conversions

Conversions Part 2

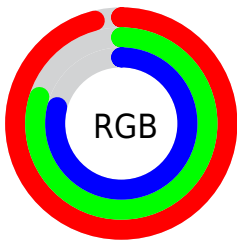
Format	Color
R_{YB}	244, 203, 202
Decimal	16042954
CIE _{Lab}	85.10, 14.29, 5.91
CIE _{LCh}	85, 15.462, 22.474
Yxy	66.2092, 0.3457, 0.3302
Android (android.graphics.Color)	4294233034 (0xFFFF4CBCA)
YUV	215.1450, -6.4805, 25.3058
Hunter-Lab	81.3690, 9.6826, 9.5935

Details

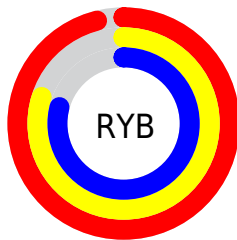
The XYZ color **69.3248, 66.2092, 65.0030** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.7363, 83.1875, 97.8116**, and the grayscale version is **64.7218, 68.0923, 74.1526**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5863, 34.1978, 32.6895** is the 20% darker color. If you saturate the color by 10%, you get **61.4624, 54.7477, 49.2379**, and if you desaturate by 10%, it is **78.5117, 79.5874, 83.4647**.

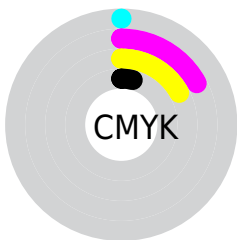
Distribution



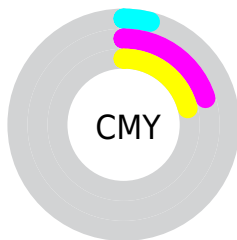
- Red (96%)
- Green (80%)
- Blue (79%)



- Red (96%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (4%)



- Cyan (4%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3248, 66.2092, 65.0030 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 69.3248, 66.2092, 65.0030 by changing the saturation by 10% instead.

69.3248, 66.2092,
65.0030

69.3248, 66.2092,
65.0030

447.4792,
447.1247, 461.1093

51.2539, 48.4422,
47.0122

117.2769,
113.7865, 113.6675

36.6326, 34.1772,
32.6908

147.8888,
144.3657, 145.1782

25.0955, 23.0298,
21.6205

183.4117,
179.9844, 182.0326

16.2773, 14.6155,
13.3827

224.2110,
221.0270, 224.6493

9.8127, 8.5500,
7.5588

270.6520,
267.8780, 273.4468

5.3363, 4.4488,
3.7303

323.1002,

2.4826, 1.9277,

320.9216, 328.8435

1.4786

381.9208,
380.5424, 391.2582

■ 0.8865, 0.5649,
0.2019

■ 0.0000, 0.0000,
0.0000

■ 69.3248, 66.2092,
65.0030

■ 69.3248, 66.2092,
65.0030

■ 61.4624, 54.7477,
49.2379

■ 78.5117, 79.5874,
83.4647

■ 54.8583, 45.1067,
36.0394

■ 89.0743, 94.9548,
104.7363

■ 49.4489, 37.1953,
25.2729

■ 91.1185, 97.9732,
108.7160

■ 45.1627, 30.9111,
16.7899

■ 41.9208, 26.1411,
10.4259

■ 39.6340, 22.7577,
5.9942

■ 38.1981, 20.6126,
3.2756

■ 37.4830, 19.5227,
1.9880

■ 37.3718, 19.3599,
1.7671

Harmonies

Analogous

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



69.8070, 66.2092, 74.6325



69.3248, 66.2092, 65.0030



67.0989, 66.2092, 57.9213

Triad

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



69.3248, 66.2092, 65.0030



57.7655, 66.2092, 61.0252



62.0566, 66.2092, 92.8309

Complementary

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



69.3248, 66.2092, 65.0030



72.7363, 83.1875, 97.8116

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.



58.9372, 66.2092, 88.4004



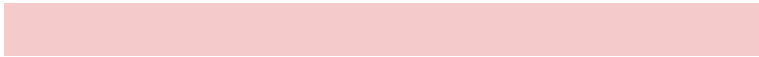
69.3248, 66.2092, 65.0030



56.5199, 66.2092, 69.6070

Square

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



69.3248, 66.2092, 65.0030



60.4038, 66.2092, 55.7768



56.9408, 66.2092, 79.6755



65.5254, 66.2092, 91.3104

Rectangle

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



69.3248, 66.2092, 65.0030



64.9687, 66.2092, 55.3008



56.9408, 66.2092, 79.6755



60.9342, 66.2092, 91.9751

Sweetspot

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



69.3266, 66.2122, 65.0044



89.2221, 91.5209, 97.1642



74.6525, 67.9642, 94.2161



18.9286, 19.3438, 20.4577



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

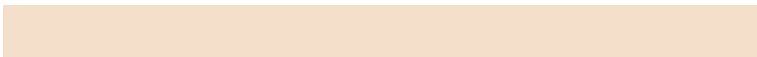
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.3266, 66.2122, 65.0044



73.1280, 68.0830, 64.8234



74.5447, 76.6483, 66.7437



16.5309, 16.5459, 17.1200



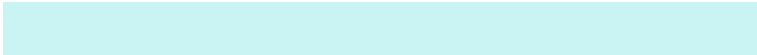
20.3345, 10.5545, 0.9655



1.7982, 0.9496, 0.0885

Inverse Universe

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



72.7363, 83.1875, 97.8116



77.6114, 90.4057, 107.9672



66.8881, 71.4911, 95.8623



16.9607, 18.6858, 21.2554



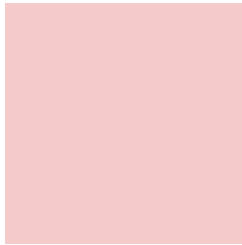
25.5452, 36.8841, 52.3110



2.2558, 3.2629, 4.6012

Previews

White Background



This preview shows how the XYZ color 69.3248, 66.2092, 65.0030 looks on a white background.

Color Contrast Check

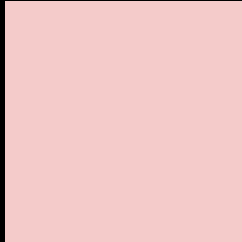
Large Text (above 18pt) WCAG AA × Fail

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 69.3248, 66.2092, 65.0030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

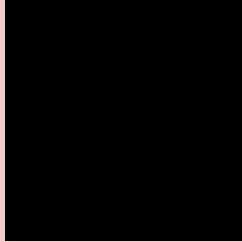
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3248, 66.2092, 65.0030

Background



This preview shows how black text looks on a background with the XYZ color 69.3248, 66.2092, 65.0030.



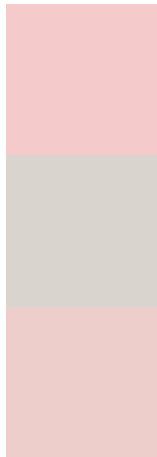
This preview shows how white text looks on a background with the XYZ color 69.3248, 66.2092,

65.0030.

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

69.3248, 66.2092, 65.0030

Protanopia

63.7194, 66.4974, 68.5084

Deuteranopia

67.9919, 66.5840, 65.1456



Tritanopia

71.2873, 66.3240, 74.0103

Trichromacy



Original Color

69.3248, 66.2092, 65.0030

Protanomaly

65.4985, 66.3396, 67.1103

Deuteranomaly

68.4272, 66.4522, 65.0972

Tritanomaly

70.5346, 66.3567, 70.7186

Monochromacy



Original Color

69.3248, 66.2092, 65.0030

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.2912, 67.4104, 70.4904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3248, 66.2092, 65.0030 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(244, 203, 202) looks like.

```
.text, #text, p{  
    color:rgb(244, 203, 202)  
}
```

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(244, 203, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 203, 202) }
```

Border

The CSS property to change the border of an element to XYZ 69.3248, 66.2092, 65.0030 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(244, 203, 202) }
```


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

```
.border{ border-color:rgb(244, 203, 202) }
```

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

Here you see how a box with a 4 pixel rgb(244, 203, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 203, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 203, 202);  
box-shadow:4px 4px 4px 4px rgb(244, 203,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3248, 66.2092, 65.0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 203, 202) }
```

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

```
.background{ background-color: rgb(244,  
203, 202) }
```

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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