

Converting Colors

XYZ(70.3165, 69.4225, 68.1750)

Have a look what the booklet for
XYZ(70.3165, 69.4225, 68.1750)
contains.

XYZ(70.3700, 69.5700, 68.1120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.3700, 69.5700,
68.1120)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D3CE
RGB	240, 211, 206
RGB Percent	94%, 83%, 81%
CMY	0.0588, 0.1725, 0.1922
CMYK	0.00, 0.12, 0.14, 0.06
HSL	9°, 53%, 87%
HSV	9°, 14%, 94%
XYZ	70.3700, 69.5700, 68.1120
YIQ	219.1010, 18.8890, 4.5930

Conversions

Conversions Part 2

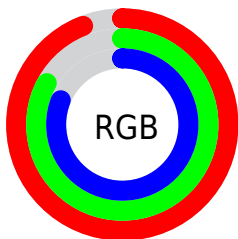
Format	Color
R _Y B	240, 212, 206
Decimal	15782862
CIE Lab	86.79, 9.29, 6.17
CIE LCh	87, 11.148, 33.594
Yxy	69.5700, 0.3382, 0.3344
Android (android.graphics.Color)	4293972942 (0xFFFF0D3CE)
YUV	219.1010, -6.4588, 18.3284
Hunter-Lab	83.4086, 4.6314, 9.9695

Details

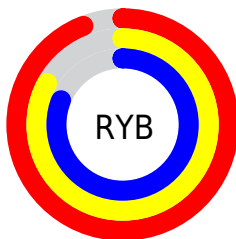
The XYZ color **70.3700, 69.5700, 68.1120** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.8897, 78.8281, 93.9178**, and the grayscale version is **67.4378, 70.9498, 77.2644**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3231, 36.2343, 34.7325** is the 20% darker color. If you saturate the color by 10%, you get **62.9093, 58.9633, 52.3222**, and if you desaturate by 10%, it is **78.9272, 81.6559, 86.4654**.

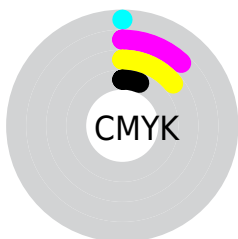
Distribution



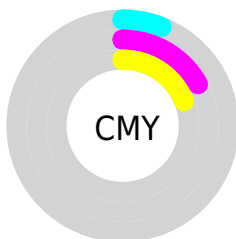
- Red (94%)
- Green (83%)
- Blue (81%)



- Red (94%)
- Yellow (83%)
- Blue (81%)



- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (6%)



- Cyan (6%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3700, 69.5700, 68.1120 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 70.3700, 69.5700, 68.1120 by changing the saturation by 10% instead.

70.3700, 69.5700,
68.1120

70.3700, 69.5700,
68.1120

451.0942,
459.0388, 472.5016

52.1089, 51.1761,
49.5216

118.7596,
118.5953, 118.1681

37.3165, 36.3487,
34.6649

149.6189,
149.9955, 150.4708

25.6275, 24.7037,
23.1234

185.4083,
186.4999, 188.1815

16.6764, 15.8564,
14.4785

226.4931,
228.4929, 231.7185

10.0979, 9.4226,
8.3117

273.2388,
276.3589, 281.5005

5.5267, 5.0178,
4.2044

326.0106,

2.5974, 2.2577,

330.4823, 337.9460

1.7381

385.1740,
391.2474, 401.4735

■ 0.9446, 0.7512,
0.3867

■ 0.0000, 0.0000,
0.0000

■ 70.3700, 69.5700,
68.1120

■ 70.3700, 69.5700,
68.1120

■ 62.9093, 58.9633,
52.3222

■ 78.9272, 81.6559,
86.4654

■ 56.4951, 49.7700,
38.9773

■ 88.6170, 95.2650,
107.4848

■ 51.0817, 41.9328,
27.9563

■ 89.7455, 97.2654,
108.6518

■ 46.6181, 35.3874,
19.1256

■ 43.0485, 30.0638,
12.3383

■ 40.3111, 25.8855,
7.4294

■ 38.3363, 22.7673,
4.2078

■ 37.0419, 20.6114,
2.4416

■ 36.5461, 19.7467,
1.8853

Harmonies

Analogous

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



71.2323, 69.5700, 74.8573



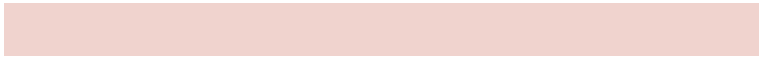
70.3700, 69.5700, 68.1120



68.3691, 69.5700, 63.6534

Triad

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



70.3700, 69.5700, 68.1120



61.7533, 69.5700, 69.5682



66.4376, 69.5700, 90.9324

Complementary

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



70.3700, 69.5700, 68.1120



70.8897, 78.8281, 93.9178

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.



63.9290, 69.5700, 89.2894



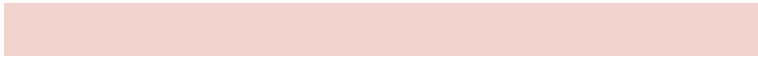
70.3700, 69.5700, 68.1120



61.2663, 69.5700, 76.6496

Square

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



70.3700, 69.5700, 68.1120



63.4005, 69.5700, 64.4547



62.0527, 69.5700, 83.9385



68.9248, 69.5700, 88.2931

Rectangle

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



70.3700, 69.5700, 68.1120



66.6827, 69.5700, 62.4128



62.0527, 69.5700, 83.9385



65.5688, 69.5700, 90.8633

Sweetspot

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



70.3719, 69.5731, 68.1135



90.7384, 93.9353, 99.5751



73.0702, 68.6940, 88.3600



19.2532, 19.8687, 20.9497



0.0000, 0.0000, 0.0000



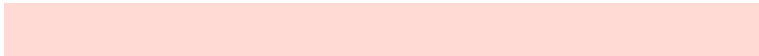
20.3446, 21.4041, 23.3091

Same Dimension

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



70.3719, 69.5731, 68.1135



78.1589, 76.1544, 72.6360



74.6917, 78.2127, 69.5534



15.9605, 16.1342, 16.4227



20.0639, 10.9259, 1.0514



1.7261, 1.0229, 0.1065

Inverse Universe

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



70.8897, 78.8281, 93.9178



78.8588, 88.6815, 107.5687



66.3753, 69.7992, 92.4129



16.0376, 17.5092, 20.2560



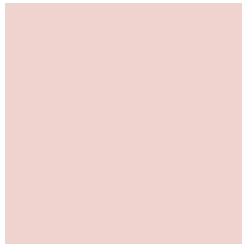
20.5953, 27.4149, 49.3340



1.7668, 2.3876, 4.1219

Previews

White Background



This preview shows how the XYZ color 70.3700, 69.5700, 68.1120 looks on a white background.

Color Contrast Check

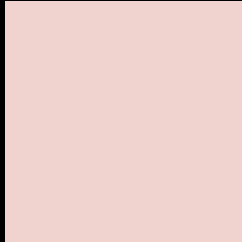
Large Text (above 18pt) WCAG AA × Fail

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 70.3700, 69.5700, 68.1120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

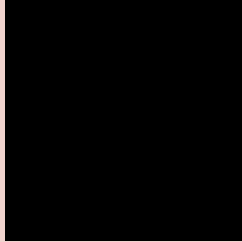
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3700, 69.5700, 68.1120

Background



This preview shows how black text looks on a background with the XYZ color 70.3700, 69.5700, 68.1120.

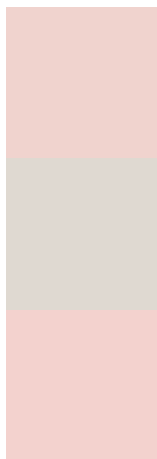


This preview shows how white text looks on a background with the XYZ color 70.3700, 69.5700,

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

70.3700, 69.5700, 68.1120

Protanopia

66.7529, 69.9171, 70.2987

Deuteranopia

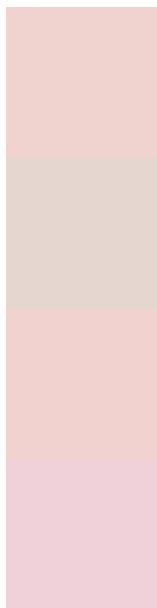
71.1493, 69.6041, 68.0775



Tritanopia

72.6284, 69.3708, 80.0830

Trichromacy



Original Color

70.3700, 69.5700, 68.1120

Protanomaly

67.9987, 69.8130, 69.5658

Deuteranomaly

70.8051, 69.4267, 68.0614

Tritanomaly

71.6005, 69.3115, 75.2503

Monochromacy



Original Color

70.3700, 69.5700, 68.1120

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.3720, 70.2977, 73.5835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3700, 69.5700, 68.1120 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(240, 211, 206)` looks like.

```
.text, #text, p{  
    color:rgb(240, 211, 206)  
}
```

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(240, 211, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 211, 206) }
```

Border

The CSS property to change the border of an element to XYZ 70.3700, 69.5700, 68.1120 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(240, 211, 206) }
```


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

```
.border{ border-color:rgb(240, 211, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 211, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 211, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 211, 206);  
box-shadow:4px 4px 4px 4px rgb(240, 211,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3700, 69.5700, 68.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 211, 206) }
```

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

```
.background{ background-color: rgb(240,  
211, 206) }
```

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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