

Converting Colors

XYZ(68.9240, 65.8903, 70.0582)

Have a look what the booklet for
XYZ(68.9240, 65.8903, 70.0582)
contains.

XYZ(68.9240, 65.8903, 70.0582)	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(68.9240, 65.8903,
70.0582)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CBD2
RGB	240, 203, 210
RGB Percent	94%, 80%, 82%
CMY	0.0588, 0.2039, 0.1765
CMYK	0.00, 0.15, 0.12, 0.06
HSL	349°, 55%, 87%
HSV	349°, 15%, 94%
XYZ	68.9240, 65.8903, 70.0582
YIQ	214.8610, 19.8050, 10.0210

Conversions

Conversions Part 2

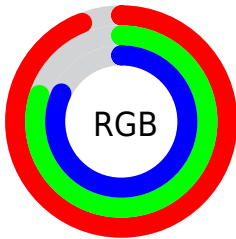
Format	Color
R _Y B	240, 203, 210
Decimal	15780818
CIE Lab	84.94, 14.12, 1.37
CIE LCh	85, 14.186, 5.556
Yxy	65.8903, 0.3364, 0.3216
Android (android.graphics.Color)	4293970898 (0xFFFF0CBD2)
YUV	214.8610, -2.3965, 22.0469
Hunter-Lab	81.1728, 9.5122, 5.6493

Details

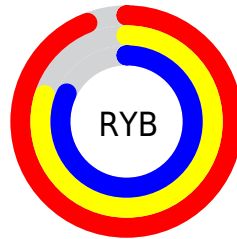
The XYZ color **68.9240, 65.8903, 70.0582** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.4993, 80.9016, 88.9946**, and the grayscale version is **64.5052, 67.8644, 73.9044**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5154, 34.0855, 36.1071** is the 20% darker color. If you saturate the color by 10%, you get **61.4101, 54.5093, 56.3097**, and if you desaturate by 10%, it is **77.6138, 79.1499, 85.6550**.

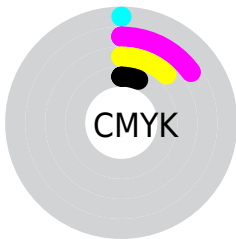
Distribution



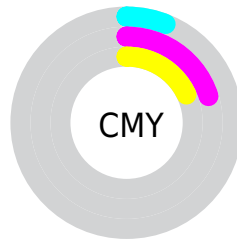
- Red (94%)
- Green (80%)
- Blue (82%)



- Red (94%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (6%)



- Cyan (6%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9240, 65.8903, 70.0582 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 68.9240, 65.8903, 70.0582 by changing the saturation by 10% instead.

68.9240, 65.8903,
70.0582

68.9240, 65.8903,
70.0582

446.0885,
445.9845, 479.5490

50.9262, 48.1834,
51.0969

116.7077,
113.3289, 120.9736

36.3707, 33.9721,
35.9085

147.2243,
143.8293, 153.7649

24.8921, 22.8722,
24.0744

182.6446,
179.3630, 192.0031

16.1250, 14.4992,
15.1761

223.3339,
220.3143, 236.1069

9.7040, 8.4686,
8.7951

269.6576,
267.0678, 286.4949

5.2639, 4.3963,
4.5128

321.9810,

2.4393, 1.8976,

320.0077, 343.5855

1.9107

380.6695,
379.5184, 407.7974

■ 0.8647, 0.5469,
0.4995

■ 0.0000, 0.0000,
0.0000

■ 68.9240, 65.8903,
70.0582

■ 68.9240, 65.8903,
70.0582

■ 61.4101, 54.5093,
56.3097

■ 77.6138, 79.1499,
85.6550

■ 55.0159, 44.9132,
44.3365

■ 87.5217, 94.3584,
103.1613

■ 49.6887, 37.0139,
34.0667

■ 89.7455, 97.2654,
108.6518

■ 45.3692, 30.7121,
25.4221

■ 41.9925, 25.8981,
18.3178

■ 39.4858, 22.4483,
12.6615

■ 37.7650, 20.2191,
8.3501

■ 36.7283, 19.0341,
5.2662

■ 36.4166, 18.7179,
4.2151

Harmonies

Analogous

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



68.3708, 65.8903, 79.2510



68.9240, 65.8903, 70.0582



67.7440, 65.8903, 62.0173

Triad

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



68.9240, 65.8903, 70.0582



59.1316, 65.8903, 58.3957



60.1258, 65.8903, 88.9297

Complementary

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



68.9240, 65.8903, 70.0582



70.4993, 80.9016, 88.9946

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.



57.7740, 65.8903, 82.4365



68.9240, 65.8903, 70.0582



57.2138, 65.8903, 64.7254

Square

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



68.9240, 65.8903, 70.0582



62.0356, 65.8903, 55.6597



56.7253, 65.8903, 73.4553



63.2217, 65.8903, 90.6604

Rectangle

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



68.9240, 65.8903, 70.0582



66.1560, 65.8903, 58.2257



56.7253, 65.8903, 73.4553



59.2254, 65.8903, 87.2062

Sweetspot

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



68.9258, 65.8932, 70.0596



89.4963, 91.4851, 99.0565



70.5601, 66.2626, 91.5099



18.9949, 19.3352, 20.9156



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.



68.9258, 65.8932, 70.0596



76.6911, 71.9604, 76.0262



70.7887, 70.9835, 66.4737



15.8949, 15.8077, 17.0028



19.9707, 10.2607, 2.4962



1.6946, 0.8669, 0.3829

Inverse Universe

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



68.9258, 65.8932, 70.0596



76.6911, 71.9604, 76.0262



68.3508, 74.9733, 93.3077



15.8949, 15.8077, 17.0028



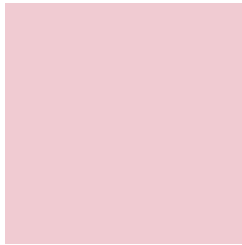
19.9707, 10.2607, 2.4962



1.6946, 0.8669, 0.3829

Previews

White Background



This preview shows how the XYZ color 68.9240, 65.8903, 70.0582 looks on a white background.

Color Contrast Check

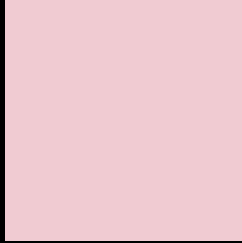
Large Text (above 18pt) WCAG AA × Fail

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 68.9240, 65.8903, 70.0582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

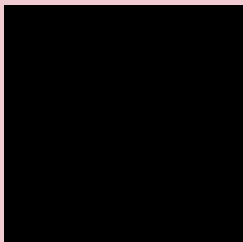
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.9240, 65.8903, 70.0582

Background



This preview shows how black text looks on a background with the XYZ color 68.9240, 65.8903, 70.0582.



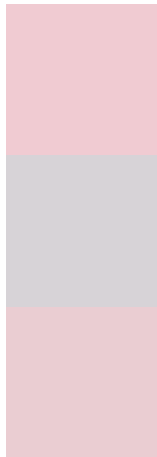
This preview shows how white text looks on a background with the XYZ color 68.9240, 65.8903,

70.0582.

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

68.9240, 65.8903, 70.0582

Protanopia

63.5843, 65.9419, 73.6668

Deuteranopia

67.3959, 65.8082, 70.1229



Tritanopia

70.0510, 66.0038, 75.3776

Trichromacy



Original Color

68.9240, 65.8903, 70.0582

Protanomaly

65.3066, 65.7631, 72.2023

Deuteranomaly

67.8178, 65.6717, 70.0743

Tritanomaly

69.6619, 65.8481, 73.3284

Monochromacy



Original Color

68.9240, 65.8903, 70.0582

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.0450, 67.2399, 72.4484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9240, 65.8903, 70.0582 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, 203, 210)` looks like.

```
.text, #text, p{  
    color:rgb(240, 203, 210)  
}
```

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, 203, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 203, 210) }
```

Border

The CSS property to change the border of an element to XYZ 68.9240, 65.8903, 70.0582 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, 203, 210) }
```


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

```
.border{ border-color:rgb(240, 203, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 203, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 203, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 203, 210);  
box-shadow:4px 4px 4px 4px rgb(240, 203,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9240, 65.8903, 70.0582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 203, 210) }
```

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

```
.background{ background-color: rgb(240,  
203, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor