

Converting Colors

XYZ(65.9987, 68.0291, 70.5130)

Have a look what the booklet for
XYZ(65.9987, 68.0291, 70.5130)
contains.

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Color

**XYZ(65.8585, 67.9296,
70.6134)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD5D2
RGB	223, 213, 210
RGB Percent	87%, 84%, 82%
CMY	0.1255, 0.1647, 0.1765
CMYK	0.00, 0.04, 0.06, 0.13
HSL	14°, 17%, 85%
HSV	14°, 6%, 87%
XYZ	65.8585, 67.9296, 70.6134
YIQ	215.6480, 6.9230, 1.1870

Conversions

Conversions Part 2

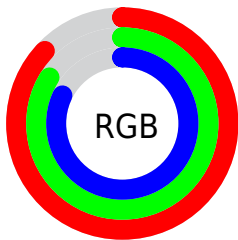
Format	Color
R _Y B	223, 214, 210
Decimal	14669266
CIE Lab	85.97, 2.92, 2.70
CIE LCh	86, 3.971, 42.755
Yxy	67.9296, 0.3222, 0.3323
Android (android.graphics.Color)	4292859346 (0xFFDFD5D2)
YUV	215.6480, -2.7845, 6.4477
Hunter-Lab	82.4194, -1.6008, 6.8965

Details

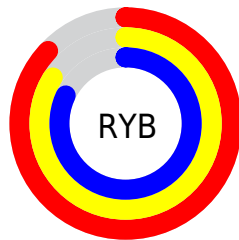
The XYZ color **65.8585, 67.9296, 70.6134** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4907, 70.2146, 79.9138**, and the grayscale version is **65.0474, 68.4349, 74.5257**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3761, 35.1789, 36.4309** is the 20% darker color. If you saturate the color by 10%, you get **59.1846, 58.7220, 55.6235**, and if you desaturate by 10%, it is **73.3794, 78.2101, 87.7973**.

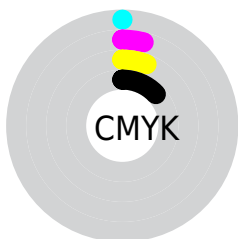
Distribution



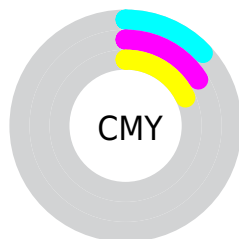
- Red (87%)
- Green (84%)
- Blue (82%)



- Red (87%)
- Yellow (84%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8585, 67.9296, 70.6134 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 65.8585, 67.9296, 70.6134 by changing the saturation by 10% instead.

65.8585, 67.9296,
70.6134

65.8585, 67.9296,
70.6134

435.3673,
453.2465, 481.5480

48.4248, 49.8405,
51.5469

112.3421,
116.2514, 121.7724

34.3761, 35.2867,
36.2643

142.1227,
147.2529, 154.7019

23.3469, 23.8838,
24.3471

176.7497,
183.3273, 193.0896

14.9720, 15.2474,
15.3767

216.5883,
224.8590, 237.3539

8.8859, 8.9932,
8.9346

262.0041,
272.2323, 287.9133

4.7234, 4.7368,
4.6023

313.3622,

2.1190, 2.0937,

325.8318, 345.1864

1.9613

371.0282,
386.0417, 409.5918

■ 0.6995, 0.6611,
0.5313

■ 0.0000, 0.0000,
0.0000

■ 65.8585, 67.9296,
70.6134

■ 65.8585, 67.9296,
70.6134

■ 59.1846, 58.7220,
55.6235

■ 73.3794, 78.2101,
87.7973

■ 53.3221, 50.5438,
42.7347

■ 81.7702, 89.5876,
107.2544

■ 48.2410, 43.3616,
31.8539

■ 84.2418, 94.4281,
108.3942

■ 43.9072, 37.1367,
22.8792

■ 40.2843, 31.8279,
15.6999

■ 37.3324, 27.3910,
10.1935

■ 35.0074, 23.7778,
6.2223

■ 33.2597, 20.9354,
3.6262

■ 32.0303, 18.8037,
2.2084

Harmonies

Analogous

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



66.2869, 67.9296, 72.8628



65.8585, 67.9296, 70.6134



65.0852, 67.9296, 69.2799

Triad

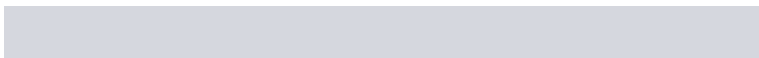
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.8585, 67.9296, 70.6134



62.9081, 67.9296, 72.4880



64.9522, 67.9296, 78.9603

Complementary

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



65.8585, 67.9296, 70.6134



65.4907, 70.2146, 79.9138

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.



64.0477, 67.9296, 78.8542



65.8585, 67.9296, 70.6134



62.8733, 67.9296, 75.0758

Square

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



65.8585, 67.9296, 70.6134



63.3843, 67.9296, 70.3446



63.2886, 67.9296, 77.4185



65.7603, 67.9296, 77.7050

Rectangle

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



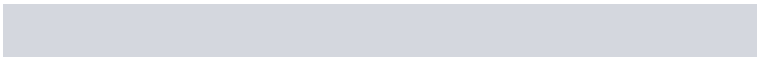
65.8585, 67.9296, 70.6134



64.4810, 67.9296, 69.0700



63.2886, 67.9296, 77.4185



64.6492, 67.9296, 79.0835

Sweetspot

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



65.8604, 67.9326, 70.6149



93.0013, 97.1992, 104.2199



66.4215, 66.9592, 77.2620



19.9276, 20.8340, 22.3564



0.0000, 0.0000, 0.0000



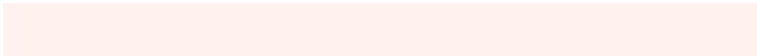
20.3446, 21.4041, 23.3091

Same Dimension

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



65.8604, 67.9326, 70.6149



88.0846, 90.4565, 93.0530



67.4793, 71.1704, 71.1545



14.2490, 14.6056, 14.9592



18.6743, 10.7865, 1.0978



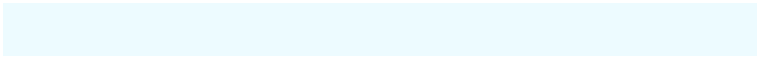
1.3622, 0.8832, 0.0987

Inverse Universe

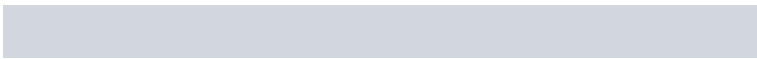
The Inverse Universe completely reimagines the original color for something new.



65.4907, 70.2146, 79.9138



87.4834, 94.1669, 108.1729



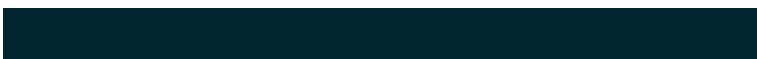
63.8651, 66.9634, 79.3720



14.1446, 15.2502, 17.5858



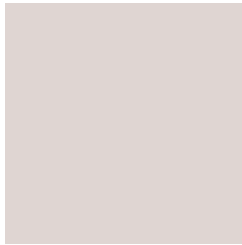
16.5365, 20.5425, 44.1419



1.2124, 1.5562, 3.0817

Previews

White Background



This preview shows how the XYZ color 65.8585, 67.9296, 70.6134 looks on a white background.

Color Contrast Check

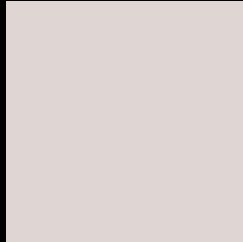
Large Text (above 18pt) WCAG AA × Fail

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 65.8585, 67.9296, 70.6134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

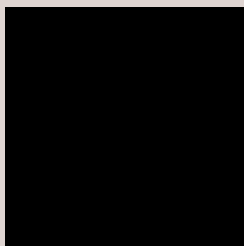
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

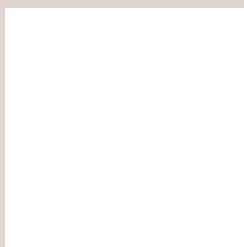
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8585, 67.9296, 70.6134

Background



This preview shows how black text looks on a background with the XYZ color 65.8585, 67.9296, 70.6134.



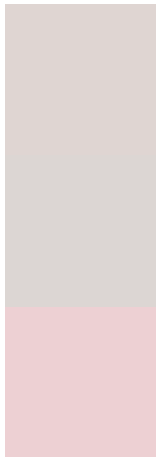
This preview shows how white text looks on a background with the XYZ color 65.8585, 67.9296,

70.6134.

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

65.8585, 67.9296, 70.6134

Protanopia

65.3196, 68.0119, 71.3129

Deuteranopia

69.2388, 67.8194, 71.0692



Tritanopia

67.9631, 67.6468, 82.1481

Trichromacy



Original Color

65.8585, 67.9296, 70.6134

Protanomaly

65.6232, 68.1684, 71.3271

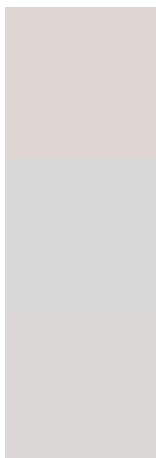
Deuteranomaly

68.0832, 67.9521, 71.1557

Tritanomaly

67.0859, 67.6563, 77.9298

Monochromacy



Original Color

65.8585, 67.9296, 70.6134

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.6515, 68.5160, 73.3830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8585, 67.9296, 70.6134 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(223, 213, 210) looks like.

```
.text, #text, p{  
    color:rgb(223, 213, 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(223, 213, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 213, 210) }
```

Border

The CSS property to change the border of an element to XYZ 65.8585, 67.9296, 70.6134 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(223, 213, 210) }
```


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

```
.border{ border-color:rgb(223, 213, 210) }
```

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

Here you see how a box with a 4 pixel rgb(223, 213, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 213, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 213, 210);  
box-shadow:4px 4px 4px 4px rgb(223, 213,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8585, 67.9296, 70.6134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 213, 210) }
```

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

```
.background{ background-color: rgb(223,  
213, 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](#).

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