

Converting Colors

XYZ(65.5348, 66.7061, 71.6351)

Have a look what the booklet for
XYZ(65.5348, 66.7061, 71.6351)
contains.

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Color

**XYZ(65.3617, 66.5346,
71.6849)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD2D4
RGB	223, 210, 212
RGB Percent	87%, 82%, 83%
CMY	0.1255, 0.1765, 0.1686
CMYK	0.00, 0.06, 0.05, 0.13
HSL	351°, 17%, 85%
HSV	351°, 6%, 87%
XYZ	65.3617, 66.5346, 71.6849
YIQ	214.1150, 7.1060, 3.3780

Conversions

Conversions Part 2

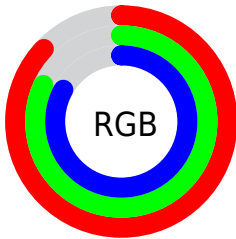
Format	Color
R _Y B	223, 210, 212
Decimal	14668500
CIE Lab	85.27, 4.83, 0.61
CIE LCh	85, 4.869, 7.229
Yxy	66.5346, 0.3211, 0.3268
Android (android.graphics.Color)	4292858580 (0xFFDFD2D4)
YUV	214.1150, -1.0427, 7.7921
Hunter-Lab	81.5687, 0.2882, 4.9924

Details

The XYZ color **65.3617, 66.5346, 71.6849** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0197, 71.6992, 78.7699**, and the grayscale version is **63.9989, 67.3319, 73.3244**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1227, 34.5361, 36.7660** is the 20% darker color. If you saturate the color by 10%, you get **57.9919, 55.3847, 58.1601**, and if you desaturate by 10%, it is **73.7808, 79.3360, 86.9344**.

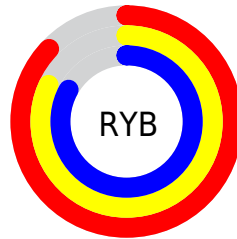
Distribution



Red (87%)

Green (82%)

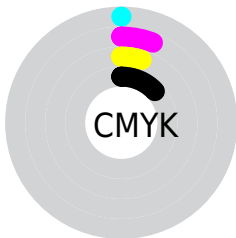
Blue (83%)



Red (87%)

Yellow (82%)

Blue (83%)

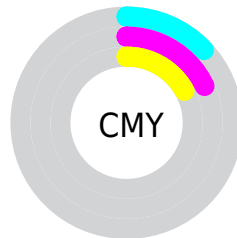


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (13%)



Cyan (13%)

Magenta (18%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3617, 66.5346, 71.6849 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 65.3617, 66.5346, 71.6849 by changing the saturation by 10% instead.

65.3617, 66.5346,
71.6849

65.3617, 66.5346,
71.6849

433.6153,
448.2864, 485.3921

48.0202, 48.7065,
52.4161

111.6325,
114.2533, 123.3120

34.0542, 34.3867,
36.9523

141.2926,
144.9127, 156.5073

23.0983, 23.1908,
24.8751

175.7895,
180.6179, 195.1819

14.7872, 14.7345,
15.7658

215.4888,
221.7535, 239.7542

8.7555, 8.6333,
9.2060

260.7556,
268.7037, 290.6429

4.6379, 4.5028,
4.7772

311.9554,

2.0690, 1.9586,

321.8530, 348.2664

2.0607

369.4535,
381.5858, 413.0433

■ 0.6723, 0.5832,
0.5922

■ 0.0000, 0.0000,
0.0000

■ 65.3617, 66.5346,
71.6849

■ 65.3617, 66.5346,
71.6849

■ 57.9919, 55.3847,
58.1601

■ 73.7808, 79.3360,
86.9344

■ 51.6247, 45.8106,
46.2948

■ 83.2824, 93.8432,
103.9620

■ 46.2182, 37.7439,
36.0261

■ 84.2418, 94.4282,
108.3942

■ 41.7252, 31.1074,
27.2854

■ 38.0948, 25.8175,
19.9993

■ 35.2707, 21.7814,
14.0879

■ 33.1900, 18.8950,
9.4637

■ 31.7802, 17.0370,
6.0289

■ 30.9531, 16.0583,
3.6708

Harmonies

Analogous

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



65.2104, 66.5346, 74.8158



65.3617, 66.5346, 71.6849



64.9390, 66.5346, 68.8399

Triad

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



65.3617, 66.5346, 71.6849



61.9675, 66.5346, 67.7259



62.4237, 66.5346, 78.1777

Complementary

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



65.3617, 66.5346, 71.6849



66.0197, 71.6992, 78.7699

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.



61.5692, 66.5346, 76.1736



65.3617, 66.5346, 71.6849



61.3080, 66.5346, 70.1245

Square

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



65.3617, 66.5346, 71.6849



62.9732, 66.5346, 66.5976



61.1630, 66.5346, 73.2102



63.5058, 66.5346, 78.6248

Rectangle

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



65.3617, 66.5346, 71.6849



64.3914, 66.5346, 67.4677



61.1630, 66.5346, 73.2102



62.1007, 66.5346, 77.6610

Sweetspot

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



65.3636, 66.5375, 71.6863



92.7572, 96.5142, 104.7456



66.1360, 66.7699, 79.2151



19.8779, 20.6945, 22.4634



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

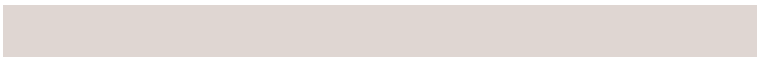
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.3636, 66.5375, 71.6863



87.2797, 88.2001, 94.7781



66.1974, 68.6056, 70.7294



14.1096, 14.2148, 15.2579



18.0913, 9.3035, 1.8808



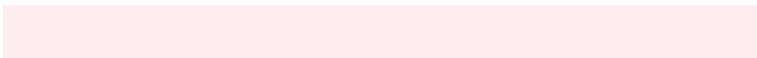
1.2810, 0.6557, 0.2728

Inverse Universe

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



65.3636, 66.5375, 71.6863



87.2797, 88.2001, 94.7781



65.1446, 69.5208, 79.7984



14.1096, 14.2148, 15.2579



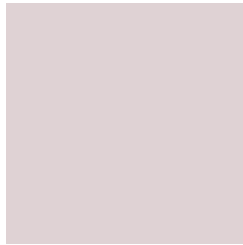
18.0913, 9.3035, 1.8808



1.2810, 0.6557, 0.2728

Previews

White Background



This preview shows how the XYZ color 65.3617, 66.5346, 71.6849 looks on a white background.

Color Contrast Check

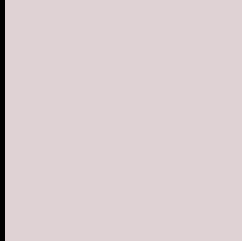
Large Text (above 18pt) WCAG AA × Fail

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 65.3617, 66.5346, 71.6849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

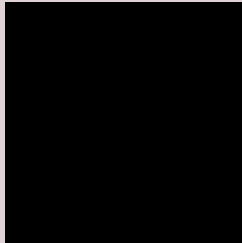
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

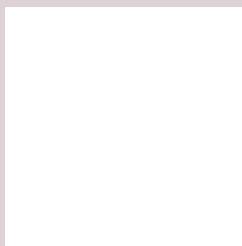
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3617, 66.5346, 71.6849

Background



This preview shows how black text looks on a background with the XYZ color 65.3617, 66.5346, 71.6849.

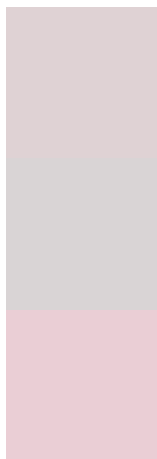


This preview shows how white text looks on a background with the XYZ color 65.3617, 66.5346,

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

65.3617, 66.5346, 71.6849

Protanopia

64.1690, 66.6428, 72.4321

Deuteranopia

68.0132, 66.4391, 72.1901



Tritanopia

67.0618, 66.5011, 79.8225

Trichromacy



Original Color

65.3617, 66.5346, 71.6849

Protanomaly

64.5179, 66.4527, 72.3770

Deuteranomaly

66.9562, 66.2527, 72.2099

Tritanomaly

66.4592, 66.6155, 77.0655

Monochromacy



Original Color

65.3617, 66.5346, 71.6849

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.4198, 67.1443, 72.5157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3617, 66.5346, 71.6849 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, 210, 212) looks like.

```
.text, #text, p{  
    color:rgb(223, 210, 212)  
}
```

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, 210, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 210, 212) }
```

Border

The CSS property to change the border of an element to XYZ 65.3617, 66.5346, 71.6849 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, 210, 212) }
```


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

```
.border{ border-color:rgb(223, 210, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 210, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 210, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 210, 212);  
box-shadow:4px 4px 4px 4px rgb(223, 210,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3617, 66.5346, 71.6849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 210, 212) }
```

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

```
.background{ background-color: rgb(223,  
210, 212) }
```

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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