

Converting Colors

XYZ(64.9998, 68.7364, 75.2096)

Have a look what the booklet for
XYZ(64.9998, 68.7364, 75.2096)
contains.

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Color

**XYZ(65.0688, 68.9316,
75.5213)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D9D9
RGB	214, 217, 217
RGB Percent	84%, 85%, 85%
CMY	0.1608, 0.1490, 0.1490
CMYK	0.01, 0.00, 0.00, 0.15
HSL	180°, 4%, 85%
HSV	180°, 1%, 85%
XYZ	65.0688, 68.9316, 75.5213
YIQ	216.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

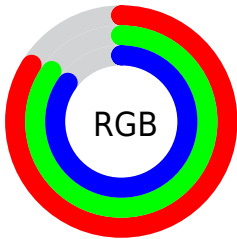
Format	Color
R_{YB}	214, 216, 217
Decimal	14080473
CIE _{Lab}	86.47, -1.01, -0.37
CIE _{LCh}	86, 1.074, 199.876
Yxy	68.9316, 0.3106, 0.3290
Android (android.graphics.Color)	4292270553 (0xFFD6D9D9)
YUV	216.1030, 0.4422, -1.8443
Hunter-Lab	83.0251, -5.3990, 4.1861

Details

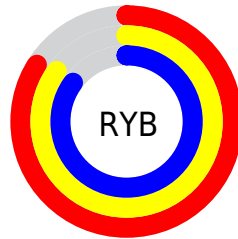
The XYZ color **65.0688, 68.9316, 75.5213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8020, 67.7017, 73.2740**, and the grayscale version is **65.3400, 68.7428, 74.8609**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7400, 35.8202, 39.3181** is the 20% darker color. If you saturate the color by 10%, you get **59.1499, 65.8826, 75.2282**, and if you desaturate by 10%, it is **71.8353, 72.4214, 75.8569**.

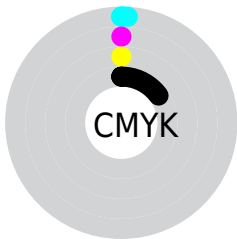
Distribution



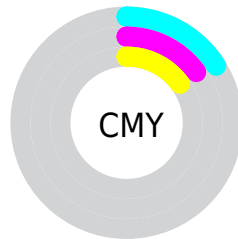
- Red (84%)
- Green (85%)
- Blue (85%)



- Red (84%)
- Yellow (85%)
- Blue (85%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0688, 68.9316, 75.5213 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 65.0688, 68.9316, 75.5213 by changing the saturation by 10% instead.

■ 65.0688, 68.9316,
75.5213

■ 65.0688, 68.9316,
75.5213

432.5805,
456.7897, 499.0106

■ 47.7818, 50.6560,
55.5358

111.2139,
117.6839, 128.8039

■ 33.8646, 35.9349,
39.4293

140.8027,
148.9293, 162.9380

■ 22.9520, 24.3839,
26.7835

175.2228,
185.2669, 202.6254

■ 14.6786, 15.6187,
17.1797

214.8396,
227.0809, 248.2847

■ 8.6790, 9.2547,
10.1994

260.0184,
274.7558, 300.3343

■ 4.5878, 4.9077,
5.4240

311.1246,

■ 2.0398, 2.1932,

328.6760, 359.1927

2.4351

368.5235,
389.2258, 425.2787

■ 0.6561, 0.7163,
0.8055

■ 0.0000, 0.0000,
0.0000

■ 65.0688, 68.9316,
75.5213

■ 65.0688, 68.9316,
75.5213

■ 59.1499, 65.8826,
75.2282

■ 71.8353, 72.4214,
75.8569

■ 54.0397, 63.2486,
74.9716

■ 78.5855, 75.9009,
76.1903

■ 49.7049, 61.0143,
74.7513

■ 78.5888, 75.9022,
76.2079

■ 46.1075, 59.1602,
74.5654

■ 78.5922, 75.9035,
76.2256

■ 43.2065, 57.6650,
74.4122

■ 78.5955, 75.9049,
76.2432

■ 40.9568, 56.5057,
74.2894

■ 78.5989, 75.9062,
76.2609

■ 39.3081, 55.6561,
74.1948

■ 78.6022, 75.9076,
76.2785

■ 38.2026, 55.0866,
74.1256

■ 78.6056, 75.9089,
76.2962

■ 37.5713, 54.7615,
74.0786

■ 78.6089, 75.9103,
76.3139

Harmonies

Analogous

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



65.0479, 68.9316, 74.8143



65.0688, 68.9316, 75.5213



65.2098, 68.9316, 76.1067

Triad

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



65.0688, 68.9316, 75.5213



65.8837, 68.9316, 75.9407



65.6015, 68.9316, 73.7149

Complementary

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



65.0688, 68.9316, 75.5213



64.8020, 67.7017, 73.2740

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.



65.8260, 68.9316, 74.0126



65.0688, 68.9316, 75.5213



65.9892, 68.9316, 75.2958

Square

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



65.0688, 68.9316, 75.5213



65.6801, 68.9316, 76.3499



65.9681, 68.9316, 74.5902



65.3550, 68.9316, 73.7744

Rectangle

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



65.0688, 68.9316, 75.5213



65.3531, 68.9316, 76.3479



65.9681, 68.9316, 74.5902



65.6821, 68.9316, 73.7764

Sweetspot

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



65.0708, 68.9346, 75.5228

95.0500, 100.0000, 108.9000



64.6986, 68.7874, 73.4866



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



65.0708, 68.9346, 75.5228



93.1975, 99.0451, 108.8082



64.6986, 68.1896, 75.4011



14.4520, 15.3488, 16.8523



22.5820, 33.0654, 44.8259



1.4632, 2.1422, 2.9052

Inverse Universe

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



64.8020, 67.7017, 73.2740



92.6351, 96.4653, 104.1025



65.1706, 68.4397, 73.3946



14.3705, 14.9748, 16.1700



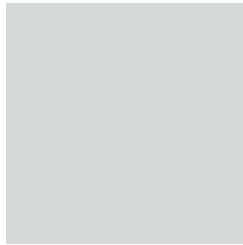
17.3233, 8.9304, 0.8166



1.1225, 0.5786, 0.0541

Previews

White Background



This preview shows how the XYZ color 65.0688, 68.9316, 75.5213 looks on a white background.

Color Contrast Check

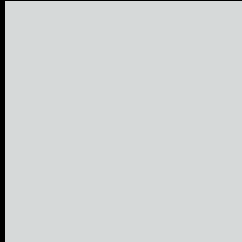
Large Text (above 18pt) WCAG AA × Fail

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 65.0688, 68.9316, 75.5213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

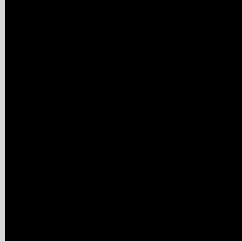
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

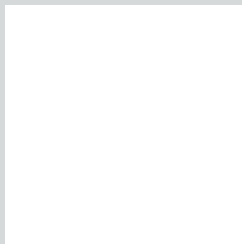
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0688, 68.9316, 75.5213

Background



This preview shows how black text looks on a background with the XYZ color 65.0688, 68.9316, 75.5213.

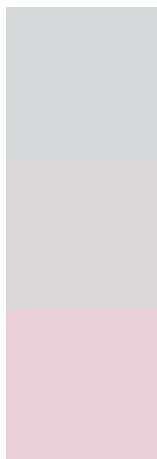


This preview shows how white text looks on a background with the XYZ color 65.0688, 68.9316,

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

65.0688, 68.9316, 75.5213

Protanopia

66.2103, 68.7744, 74.7509

Deuteranopia

70.1787, 68.5483, 76.5502



Tritanopia

67.1848, 69.0260, 86.1263

Trichromacy



Original Color

65.0688, 68.9316, 75.5213

Protanomaly

65.8640, 68.9750, 74.8079

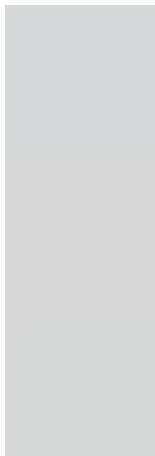
Deuteranomaly

68.1933, 68.6429, 75.9849

Tritanomaly

66.4453, 69.1049, 82.5096

Monochromacy



Original Color

65.0688, 68.9316, 75.5213

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.9749, 68.5167, 74.7662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0688, 68.9316, 75.5213 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(214, 217, 217) looks like.

```
.text, #text, p{  
    color:rgb(214, 217, 217)  
}
```

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(214, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 217, 217) }
```

Border

The CSS property to change the border of an element to XYZ 65.0688, 68.9316, 75.5213 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(214, 217, 217) }
```

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

```
.border{ border-color:rgb(214, 217, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 217, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(214, 217,  
217) }
```


Background

The CSS property to change the background color of an element to XYZ 65.0688, 68.9316, 75.5213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 217, 217) }
```

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

```
.background{ background-color: rgb(214,  
217, 217) }
```

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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