

Converting Colors

XYZ(65.7486, 69.9971, 76.5553)

Have a look what the booklet for
XYZ(65.7486, 69.9971, 76.5553)
contains.

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Color

**XYZ(65.7180, 70.0211,
76.3814)**

Conversions

Conversions Part 1

Format	Color
Hex	D6DBDA
RGB	214, 219, 218
RGB Percent	84%, 86%, 85%
CMY	0.1608, 0.1412, 0.1451
CMYK	0.02, 0.00, 0.00, 0.14
HSL	168°, 6%, 85%
HSV	168°, 2%, 86%
XYZ	65.7180, 70.0211, 76.3814
YIQ	217.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

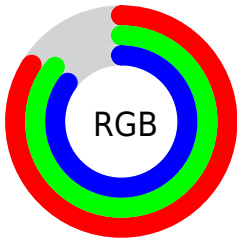
Format	Color
R _Y B	214, 217, 219
Decimal	14080986
CIE Lab	87.01, -1.86, -0.11
CIE LCh	87, 1.868, 183.342
Yxy	70.0211, 0.3098, 0.3301
Android (android.graphics.Color)	4292271066 (0xFFD6DBDA)
YUV	217.3910, 0.3002, -2.9739
Hunter-Lab	83.6786, -6.2505, 4.4554

Details

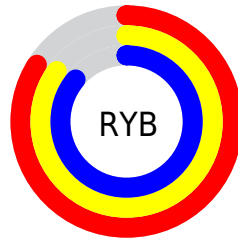
The XYZ color **65.7180, 70.0211, 76.3814** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5283, 68.0614, 73.9769**, and the grayscale version is **66.2225, 69.6713, 75.8720**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1844, 36.5662, 39.9066** is the 20% darker color. If you saturate the color by 10%, you get **59.1844, 66.7204, 73.1160**, and if you desaturate by 10%, it is **73.1301, 73.7769, 79.7703**.

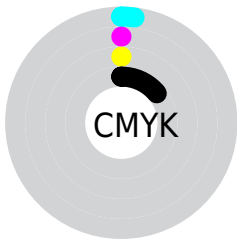
Distribution



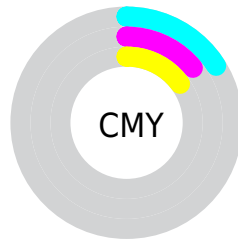
- Red (84%)
- Green (86%)
- Blue (85%)



- Red (84%)
- Yellow (85%)
- Blue (86%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7180, 70.0211, 76.3814 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 65.7180, 70.0211, 76.3814 by changing the saturation by 10% instead.

■ 65.7180, 70.0211,
76.3814

■ 65.7180, 70.0211,
76.3814

434.8722,
460.6241, 502.0338

■ 48.3104, 51.5437,
56.2368

112.1415,
119.2388, 130.0309

■ 34.2850, 36.6415,
39.9875

141.8880,
150.7480, 164.3729

■ 23.2766, 24.9301,
27.2151

176.4783,
187.3699, 204.2844

■ 14.9197, 16.0250,
17.5010

216.2775,
229.4889, 250.1840

■ 8.8490, 9.5418,
10.4266

261.6512,
277.4895, 302.4902

■ 4.6991, 5.0962,
5.5734

312.9647,

■ 2.1048, 2.3038,

331.7559, 361.6215

2.5229

370.5832,
392.6726, 427.9966

■ 0.6918, 0.7757,
0.8523

■ 0.0000, 0.0000,
0.0000

■ 65.7180, 70.0211,
76.3814

■ 65.7180, 70.0211,
76.3814

■ 59.1844, 66.7204,
73.1160

■ 73.1301, 73.7769,
79.7703

■ 53.4893, 63.8483,
69.9673

■ 80.4085, 77.4599,
83.2317

■ 48.5982, 61.3889,
66.9345

■ 81.0219, 77.7053,
86.4619

■ 44.4720, 59.3221,
64.0152

■ 81.6509, 77.9569,
89.7741

■ 41.0682, 57.6260,
61.2068

■ 82.2955, 78.2147,
93.1689

■ 38.3402, 56.2766,
58.5065

■ 82.9560, 78.4789,
96.6469

■ 36.2358, 55.2470,
55.9111

■ 83.6324, 78.7495,
100.2087

■ 34.6949, 54.5062,
53.4172

■ 84.3248, 79.0264,
103.8548

■ 33.6454, 54.0172,
51.0208

■ 84.6228, 79.1457,
105.4243

Harmonies

Analogous

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



65.8052, 70.0211, 75.1670



65.7180, 70.0211, 76.3814



65.8538, 70.0211, 77.5708

Triad

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



65.7180, 70.0211, 76.3814



67.0157, 70.0211, 78.2683



66.9305, 70.0211, 74.1115

Complementary

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



65.7180, 70.0211, 76.3814



65.5283, 68.0614, 73.9769

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.



67.2571, 70.0211, 74.9266



65.7180, 70.0211, 76.3814



67.3064, 70.0211, 77.3254

Square

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



65.7180, 70.0211, 76.3814



66.6019, 70.0211, 78.6677



67.3950, 70.0211, 76.1009



66.5040, 70.0211, 73.8649

Rectangle

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



65.7180, 70.0211, 76.3814



66.0528, 70.0211, 78.1871



67.3950, 70.0211, 76.1009



67.0557, 70.0211, 74.3276

Sweetspot

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



65.7200, 70.0241, 76.3829



94.0358, 99.4867, 108.4233



65.5202, 69.9808, 73.6739



20.1382, 21.2997, 23.2121



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.



65.7200, 70.0241, 76.3829



92.0453, 98.4794, 107.4751



65.4835, 69.3402, 76.9539



14.1430, 15.1949, 16.5908



19.6531, 31.8939, 29.4023



1.3022, 2.0778, 2.0576

Inverse Universe

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



65.5283, 68.0614, 73.9769



91.6887, 94.8281, 102.9991



65.7601, 68.7307, 73.4199



14.0744, 14.4932, 15.7305



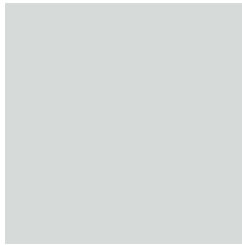
17.6222, 9.0499, 2.3908



1.1726, 0.5987, 0.3181

Previews

White Background



This preview shows how the XYZ color 65.7180, 70.0211, 76.3814 looks on a white background.

Color Contrast Check

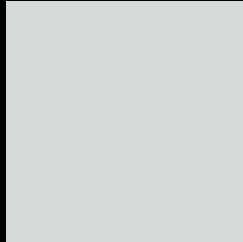
Large Text (above 18pt) WCAG AA × Fail

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 65.7180, 70.0211, 76.3814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

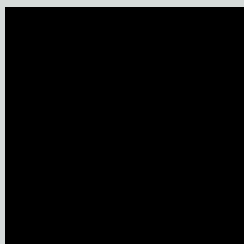
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

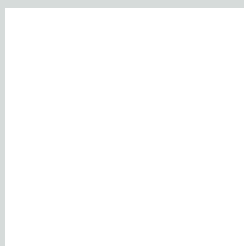
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7180, 70.0211, 76.3814

Background



This preview shows how black text looks on a background with the XYZ color 65.7180, 70.0211, 76.3814.

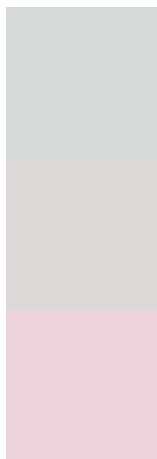


This preview shows how white text looks on a background with the XYZ color 65.7180, 70.0211,

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

65.7180, 70.0211, 76.3814

Protanopia

67.4614, 70.1651, 75.6333

Deuteranopia

71.4724, 69.9330, 77.4416



Tritanopia

67.9830, 70.1652, 87.8020

Trichromacy



Original Color

65.7180, 70.0211, 76.3814

Protanomaly

66.8092, 70.2126, 75.6768

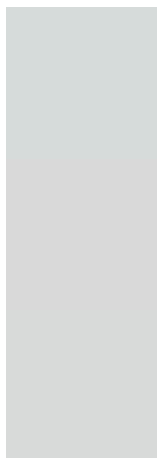
Deuteranomaly

69.1458, 69.8656, 76.8589

Tritanomaly

67.0993, 70.1913, 83.4106

Monochromacy



Original Color

65.7180, 70.0211, 76.3814

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.9147, 69.7515, 75.6349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7180, 70.0211, 76.3814 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, 219, 218) looks like.

```
.text, #text, p{  
    color:rgb(214, 219, 218)  
}
```

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, 219, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 219, 218) }
```

Border

The CSS property to change the border of an element to XYZ 65.7180, 70.0211, 76.3814 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, 219, 218) }
```


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

```
.border{ border-color:rgb(214, 219, 218) }
```

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

Here you see how a box with a 4 pixel rgb(214, 219, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 219, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 219, 218);  
box-shadow:4px 4px 4px 4px rgb(214, 219,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7180, 70.0211, 76.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 219, 218) }
```

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

```
.background{ background-color: rgb(214,  
219, 218) }
```

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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