

Converting Colors

XYZ(65.1849, 69.7118, 80.8464)

Have a look what the booklet for
XYZ(65.1849, 69.7118, 80.8464)
contains.

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Color

**XYZ(65.0806, 69.6002,
80.5251)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DBE0
RGB	209, 219, 224
RGB Percent	82%, 86%, 88%
CMY	0.1804, 0.1412, 0.1216
CMYK	0.07, 0.02, 0.00, 0.12
HSL	200°, 19%, 85%
HSV	200°, 7%, 88%
XYZ	65.0806, 69.6002, 80.5251
YIQ	216.5800, -7.5650, -0.5650

Conversions

Conversions Part 2

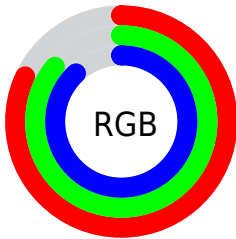
Format	Color
RYB	209, 215, 224
Decimal	13753312
CIELab	86.80, -2.41, -3.62
CIELCh	87, 4.349, 236.396
Yxy	69.6002, 0.3024, 0.3234
Android (android.graphics.Color)	4291943392 (0xFFD1DBE0)
YUV	216.5800, 3.6581, -6.6477
Hunter-Lab	83.4267, -6.7502, 1.1709

Details

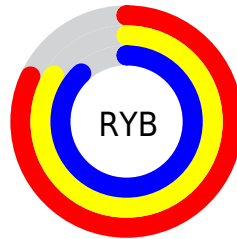
The XYZ color **65.0806, 69.6002, 80.5251** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2959, 68.5434, 70.0588**, and the grayscale version is **65.6471, 69.0659, 75.2128**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9545, 36.3841, 42.7693** is the 20% darker color. If you saturate the color by 10%, you get **57.2804, 62.7555, 79.6161**, and if you desaturate by 10%, it is **73.8631, 77.0847, 81.5079**.

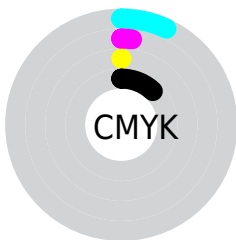
Distribution



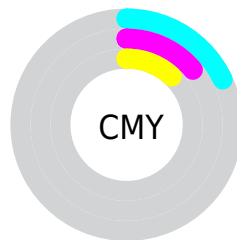
- Red (82%)
- Green (86%)
- Blue (88%)



- Red (82%)
- Yellow (84%)
- Blue (88%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (12%)



- Cyan (18%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0806, 69.6002, 80.5251 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 65.0806, 69.6002, 80.5251 by changing the saturation by 10% instead.

■ 65.0806, 69.6002,
80.5251

■ 65.0806, 69.6002,
80.5251

432.6222,
459.1450, 516.4541

■ 47.7914, 51.2007,
59.6218

111.2308,
118.6384, 135.9218

■ 33.8723, 36.3683,
42.6906

140.8225,
150.0459, 171.2523

■ 22.9579, 24.7188,
29.3128

175.2457,
186.5582, 212.2290

■ 14.6830, 15.8677,
19.0700

214.8658,
228.5596, 259.2705

■ 8.6820, 9.4306,
11.5435

260.0481,
276.4346, 312.7951

■ 4.5898, 5.0231,
6.3149

311.1581,

■ 2.0409, 2.2608,

330.5676, 373.2216

2.9656

368.5610,
391.3429, 440.9684

■ 0.6568, 0.7528,
1.0771

■ 0.0000, 0.0000,
0.0000

■ 65.0806, 69.6002,
80.5251

■ 65.0806, 69.6002,
80.5251

■ 57.2804, 62.7555,
79.6161

■ 73.8631, 77.0847,
81.5079

■ 50.4185, 56.5205,
78.7743

■ 83.6578, 85.2203,
82.5620

■ 44.4561, 50.8753,
77.9989

■ 86.2656, 89.7836,
83.3054

■ 39.3494, 45.7957,
77.2876

■ 88.5246, 94.3016,
84.0584

■ 35.0506, 41.2552,
76.6378

■ 90.4548, 98.1619,
84.7018

■ 31.5068, 37.2248,
76.0466

■ 28.6585, 33.6718,
75.5110

■ 26.4362, 30.5586,
75.0272

■ 24.7513, 27.8375,
74.5908

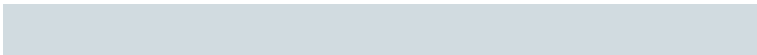
Harmonies

Analogous

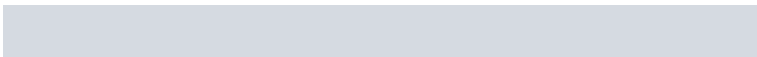
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.4232, 69.6002, 78.2902



65.0806, 69.6002, 80.5251



66.0305, 69.6002, 81.4883

Triad

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



65.0806, 69.6002, 80.5251



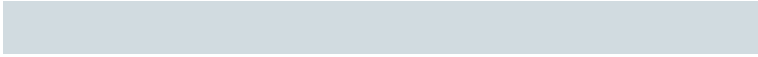
68.1162, 69.6002, 76.1340



65.2906, 69.6002, 70.8944

Complementary

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



65.0806, 69.6002, 80.5251



66.2959, 68.5434, 70.0588

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.



66.2754, 69.6002, 70.3500



65.0806, 69.6002, 80.5251



67.9132, 69.6002, 73.3295

Square

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



65.0806, 69.6002, 80.5251



67.7887, 69.6002, 78.9126



67.2369, 69.6002, 71.2304



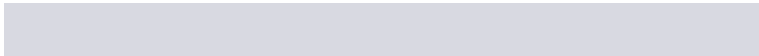
64.5436, 69.6002, 72.7368

Rectangle

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



65.0806, 69.6002, 80.5251



66.7043, 69.6002, 81.2620



67.2369, 69.6002, 71.2304



65.6045, 69.6002, 70.5556

Sweetspot

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



65.0826, 69.6031, 80.5266



92.6589, 97.9664, 108.6335



65.0570, 71.7101, 73.8648



19.8579, 20.9902, 23.2548



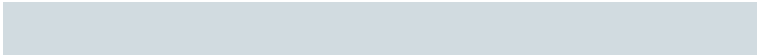
0.0000, 0.0000, 0.0000



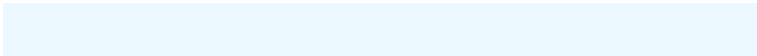
20.3446, 21.4041, 23.3091

Same Dimension

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



65.0826, 69.6031, 80.5266



85.8094, 92.0749, 107.8573



63.2313, 65.9004, 79.9095



13.7118, 14.7628, 17.5145



14.2325, 15.9345, 43.3739



1.0678, 1.2670, 3.0335

Inverse Universe

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



66.3287, 66.5641, 76.3736



87.8090, 87.2379, 101.1840



68.1727, 72.2969, 70.6844



14.0908, 13.8539, 16.2482



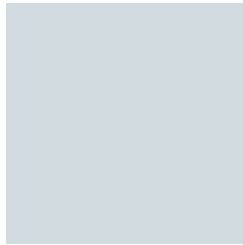
21.1241, 10.5166, 17.8511



1.5052, 0.7454, 1.4533

Previews

White Background



This preview shows how the XYZ color 65.0806, 69.6002, 80.5251 looks on a white background.

Color Contrast Check

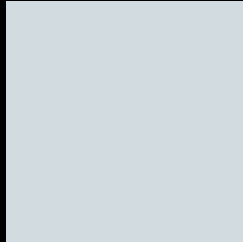
Large Text (above 18pt) WCAG AA × Fail

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 65.0806, 69.6002, 80.5251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

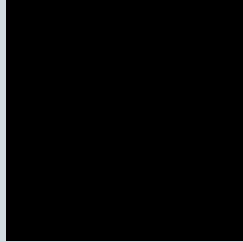
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

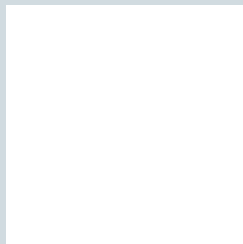
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0806, 69.6002, 80.5251

Background



This preview shows how black text looks on a background with the XYZ color 65.0806, 69.6002, 80.5251.



This preview shows how white text looks on a background with the XYZ color 65.0806, 69.6002,

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

65.0806, 69.6002, 80.5251

Protanopia

66.9541, 69.4457, 78.9827

Deuteranopia

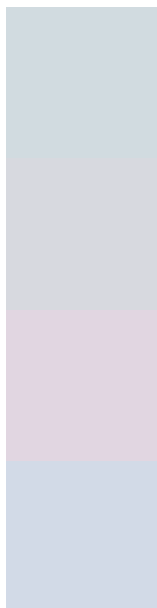
70.9534, 69.5719, 81.6406



Tritanopia

66.6722, 69.4728, 88.4928

Trichromacy



Original Color

65.0806, 69.6002, 80.5251

Protanomaly

66.1565, 69.4005, 79.7209

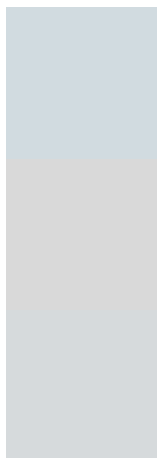
Deuteranomaly

68.6885, 69.5369, 81.0359

Tritanomaly

66.0736, 69.6140, 85.5557

Monochromacy



Original Color

65.0806, 69.6002, 80.5251

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.7212, 69.6063, 77.6816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0806, 69.6002, 80.5251 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(209, 219, 224) looks like.

```
.text, #text, p{  
    color:rgb(209, 219, 224)  
}
```

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(209, 219, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 219, 224) }
```

Border

The CSS property to change the border of an element to XYZ 65.0806, 69.6002, 80.5251 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(209, 219, 224) }
```


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

```
.border{ border-color:rgb(209, 219, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 219, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 219, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 219, 224);  
box-shadow:4px 4px 4px 4px rgb(209, 219,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0806, 69.6002, 80.5251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 219, 224) }
```

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

```
.background{ background-color: rgb(209,  
219, 224) }
```

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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