

Converting Colors

XYZ(64.8879, 69.2572, 80.7538)

Have a look what the booklet for
XYZ(64.8879, 69.2572, 80.7538)
contains.

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Color

**XYZ(64.8204, 69.0799,
80.4384)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DAE0
RGB	209, 218, 224
RGB Percent	82%, 85%, 88%
CMY	0.1804, 0.1451, 0.1216
CMYK	0.07, 0.03, 0.00, 0.12
HSL	204°, 19%, 85%
HSV	204°, 7%, 88%
XYZ	64.8204, 69.0799, 80.4384
YIQ	215.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

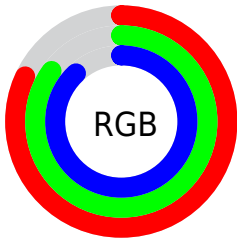
Format	Color
R _Y B	209, 215, 224
Decimal	13753056
CIE Lab	86.54, -1.89, -4.00
CIE LCh	87, 4.424, 244.730
Yxy	69.0799, 0.3024, 0.3223
Android (android.graphics.Color)	4291943136 (0xFFD1DAE0)
YUV	215.9930, 3.9475, -6.1329
Hunter-Lab	83.1143, -6.2389, 0.7989

Details

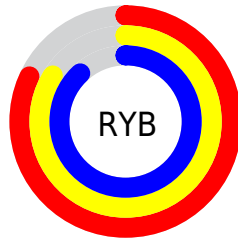
The XYZ color **64.8204, 69.0799, 80.4384** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5497, 69.0510, 70.1433**, and the grayscale version is **65.2446, 68.6424, 74.7516**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7762, 36.0275, 42.7099** is the 20% darker color. If you saturate the color by 10%, you get **56.6636, 61.5219, 79.4105**, and if you desaturate by 10%, it is **73.9977, 77.3540, 81.5528**.

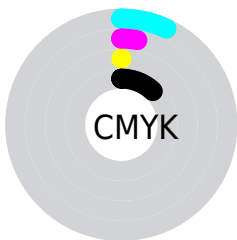
Distribution



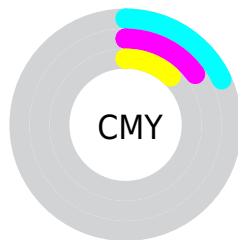
- Red (82%)
- Green (85%)
- Blue (88%)



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



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (12%)



- Cyan (18%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8204, 69.0799, 80.4384 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 64.8204, 69.0799, 80.4384 by changing the saturation by 10% instead.

■ 64.8204, 69.0799,
80.4384

■ 64.8204, 69.0799,
80.4384

431.7017,
457.3127, 516.1547

■ 47.5796, 50.7768,
59.5509

110.8588,
117.8957, 135.7989

■ 33.7040, 36.0310,
42.6338

140.3870,
149.1772, 171.1089

■ 22.8281, 24.4581,
29.2686

174.7419,
185.5535, 212.0636

■ 14.5866, 15.6738,
19.0368

214.2886,
227.4092, 259.0814

■ 8.6142, 9.2936,
11.5198

259.3926,
275.1285, 312.5809

■ 4.5455, 4.9332,
6.2991

310.4192,

■ 2.0151, 2.2081,

329.0960, 372.9805

2.9561

367.7338,
389.6959, 440.6990

■ 0.6424, 0.7244,
1.0722

■ 0.0000, 0.0000,
0.0000

■ 64.8204, 69.0799,
80.4384

■ 64.8204, 69.0799,
80.4384

■ 56.6636, 61.5219,
79.4105

■ 73.9977, 77.3540,
81.5528

■ 49.4825, 54.6484,
78.4623

■ 84.2263, 86.3573,
82.7515

■ 43.2373, 48.4378,
77.5927

■ 87.3078, 91.8681,
83.6528

■ 37.8835, 42.8640,
76.7990

■ 90.0810, 97.4145,
84.5772

■ 33.3723, 37.8987,
76.0784

■ 90.4548, 98.1619,
84.7018

■ 29.6500, 33.5112,
75.4277

■ 26.6559, 29.6666,
74.8434

■ 24.3196, 26.3254,
74.3216

■ 22.5514, 23.4378,
73.8575

Harmonies

Analogous

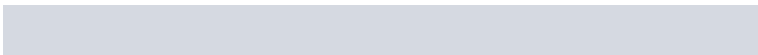
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.0515, 69.0799, 78.4789



64.8204, 69.0799, 80.4384



65.8211, 69.0799, 80.9845

Triad

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



64.8204, 69.0799, 80.4384



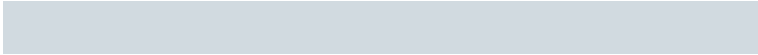
67.6427, 69.0799, 74.7516



64.5416, 69.0799, 70.6709

Complementary

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



64.8204, 69.0799, 80.4384



66.5497, 69.0510, 70.1433

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.



65.4959, 69.0799, 69.7286



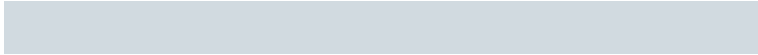
64.8204, 69.0799, 80.4384



67.2919, 69.0799, 72.0453

Square

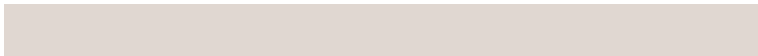
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.8204, 69.0799, 80.4384



67.4573, 69.0799, 77.6523



66.5035, 69.0799, 70.2252



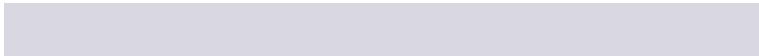
63.8917, 69.0799, 72.8317

Rectangle

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



64.8204, 69.0799, 80.4384



66.4866, 69.0799, 80.4619



66.5035, 69.0799, 70.2252



64.8371, 69.0799, 70.2037

Sweetspot

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



64.8224, 69.0828, 80.4399



92.5515, 97.7516, 108.5977



65.1849, 71.7612, 74.5384



19.8360, 20.9465, 23.2476



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.



64.8224, 69.0828, 80.4399



85.3923, 91.2407, 107.7183



62.9823, 65.4026, 79.8266



13.6329, 14.6049, 17.4882



12.9454, 13.3604, 42.9449



0.9842, 1.0998, 3.0057

Inverse Universe

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



66.1973, 66.5115, 75.6821



87.5985, 87.1537, 100.0754



68.4379, 72.8274, 70.7727



14.0509, 13.8380, 16.0383



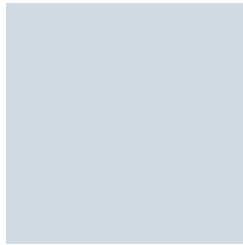
20.4745, 10.2568, 14.4301



1.4630, 0.7285, 1.2312

Previews

White Background



This preview shows how the XYZ color 64.8204, 69.0799, 80.4384 looks on a white background.

Color Contrast Check

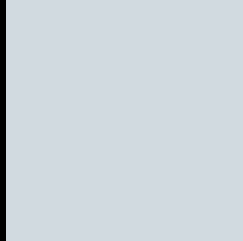
Large Text (above 18pt) WCAG AA × Fail

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 64.8204, 69.0799, 80.4384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

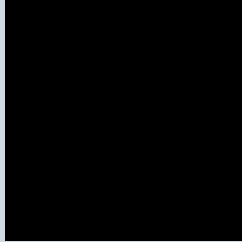
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

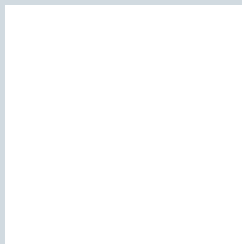
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.8204, 69.0799, 80.4384

Background



This preview shows how black text looks on a background with the XYZ color 64.8204, 69.0799, 80.4384.

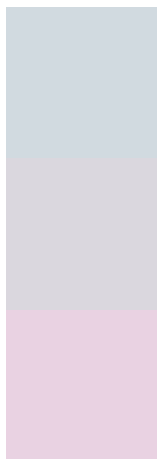


This preview shows how white text looks on a background with the XYZ color 64.8204, 69.0799,

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

64.8204, 69.0799, 80.4384

Protanopia

66.3987, 68.7802, 78.8836

Deuteranopia

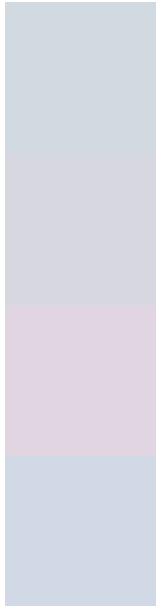
70.3783, 68.9078, 81.5427



Tritanopia

66.2711, 68.9011, 87.6483

Trichromacy



Original Color

64.8204, 69.0799, 80.4384

Protanomaly

65.8995, 68.8865, 79.6352

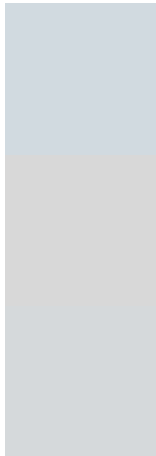
Deuteranomaly

68.1253, 68.8720, 80.9372

Tritanomaly

65.6741, 69.0405, 84.7277

Monochromacy



Original Color

64.8204, 69.0799, 80.4384

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.0396, 68.8863, 76.8863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8204, 69.0799, 80.4384 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, 218, 224) looks like.

```
.text, #text, p{  
    color:rgb(209, 218, 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, 218, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 218, 224) }
```

Border

The CSS property to change the border of an element to XYZ 64.8204, 69.0799, 80.4384 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, 218, 224) }
```


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

```
.border{ border-color:rgb(209, 218, 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, 218, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 218, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 218, 224);  
box-shadow:4px 4px 4px 4px rgb(209, 218,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8204, 69.0799, 80.4384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 218, 224) }
```

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

```
.background{ background-color: rgb(209,  
218, 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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