

Converting Colors

XYZ(66.1849, 69.4481, 78.3241)

Have a look what the booklet for
XYZ(66.1849, 69.4481, 78.3241)
contains.

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Color

**XYZ(66.1829, 69.4451,
78.3226)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D9DD
RGB	216, 217, 221
RGB Percent	85%, 85%, 87%
CMY	0.1529, 0.1490, 0.1333
CMYK	0.02, 0.02, 0.00, 0.13
HSL	228°, 7%, 86%
HSV	228°, 2%, 87%
XYZ	66.1829, 69.4451, 78.3226
YIQ	217.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

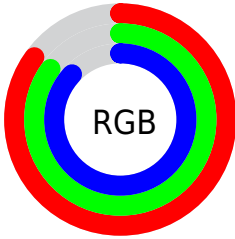
Format	Color
R _Y B	216, 217, 221
Decimal	14211549
CIE Lab	86.72, 0.40, -2.09
CIE LCh	87, 2.127, 280.738
Yxy	69.4451, 0.3093, 0.3246
Android (android.graphics.Color)	4292401629 (0xFFD8D9DD)
YUV	217.1570, 1.8946, -1.0147
Hunter-Lab	83.3337, -4.0709, 2.6089

Details

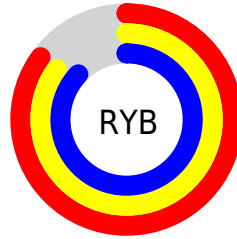
The XYZ color **66.1829, 69.4451, 78.3226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8067, 71.5156, 75.1969**, and the grayscale version is **66.0510, 69.4908, 75.6755**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5012, 36.1709, 41.2397** is the 20% darker color. If you saturate the color by 10%, you get **55.7762, 57.6808, 76.6014**, and if you desaturate by 10%, it is **77.9591, 82.6427, 80.2504**.

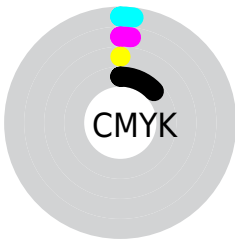
Distribution



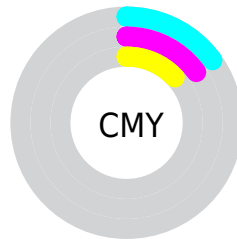
- Red (85%)
- Green (85%)
- Blue (87%)



- Red (85%)
- Yellow (85%)
- Blue (87%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1829, 69.4451, 78.3226 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 66.1829, 69.4451, 78.3226 by changing the saturation by 10% instead.

■ 66.1829, 69.4451,
78.3226

■ 66.1829, 69.4451,
78.3226

436.5090,
458.5992, 508.8186

■ 48.6891, 51.0743,
57.8210

112.8051,
118.4171, 132.7948

■ 34.5865, 36.2677,
41.2510

142.6642,
149.7871, 167.6025

■ 23.5095, 24.6410,
28.1941

177.3759,
186.2589, 208.0159

■ 15.0929, 15.8098,
18.2317

217.3053,
228.2169, 254.4537

■ 8.9714, 9.3897,
10.9453

262.8181,
276.0455, 307.3343

■ 4.7795, 4.9962,
5.9164

314.2793,

■ 2.1519, 2.2450,

330.1292, 367.0763

2.7263

372.0546,
390.8523, 434.0982

■ 0.7172, 0.7444,
0.9566

■ 0.0000, 0.0000,
0.0000

■ 66.1829, 69.4451,
78.3226

■ 66.1829, 69.4451,
78.3226

■ 55.7762, 57.6808,
76.6014

■ 77.9591, 82.6427,
80.2504

■ 46.6829, 47.2924,
75.0755

■ 89.2065, 96.3109,
82.2958

■ 38.8518, 38.2318,
73.7394

■ 90.0513, 98.0005,
82.5774

■ 32.2262, 30.4443,
72.5854

■ 26.7448, 23.8718,
71.6057

■ 22.3408, 18.4512,
70.7916

■ 18.9401, 14.1136,
70.1336

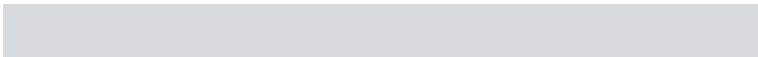
■ 16.4589, 10.7824,
69.6213

■ 14.7988, 8.3696,
69.2431

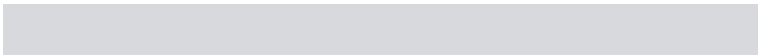
Harmonies

Analogous

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



65.6921, 69.4451, 78.2153



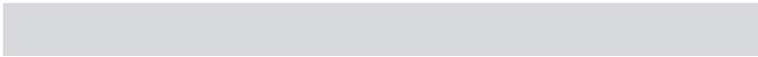
66.1829, 69.4451, 78.3226



66.6283, 69.4451, 77.6973

Triad

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



66.1829, 69.4451, 78.3226



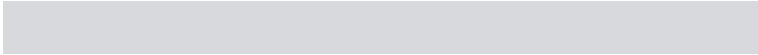
66.7290, 69.4451, 73.8497



65.1114, 69.4451, 74.7186

Complementary

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



66.1829, 69.4451, 78.3226



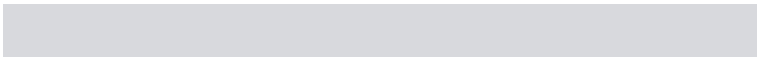
67.8067, 71.5156, 75.1969

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.



65.3866, 69.4451, 73.5681



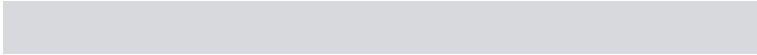
66.1829, 69.4451, 78.3226



66.3198, 69.4451, 73.0708

Square

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



66.1829, 69.4451, 78.3226



66.9446, 69.4451, 75.1074



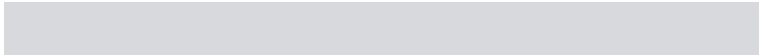
65.8284, 69.4451, 72.9684



65.0752, 69.4451, 76.1227

Rectangle

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



66.1829, 69.4451, 78.3226



66.8389, 69.4451, 76.9536



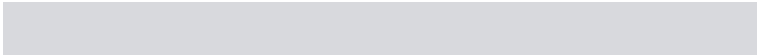
65.8284, 69.4451, 72.9684



65.1790, 69.4451, 74.2899

Sweetspot

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



66.1849, 69.4481, 78.3241



93.4713, 98.2260, 108.6408



67.0836, 71.4758, 77.9138



20.0233, 21.0431, 23.2563



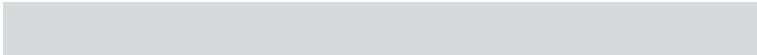
0.0000, 0.0000, 0.0000



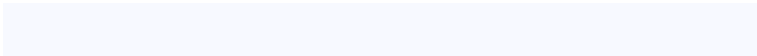
20.3446, 21.4041, 23.3091

Same Dimension

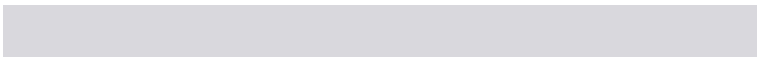
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.1849, 69.4481, 78.3241



90.3716, 94.7385, 108.1310



66.3473, 69.1490, 78.2578



13.8211, 14.4753, 16.7177



8.1769, 4.2233, 40.1226



0.5912, 0.3965, 2.6198

Inverse Universe

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



66.9006, 69.4949, 75.5370



91.6889, 94.8282, 103.0001



67.6414, 71.8225, 75.2649



14.0745, 14.4932, 15.7307



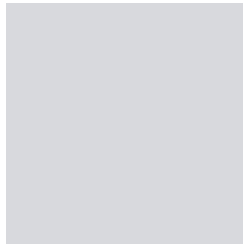
17.6227, 9.0501, 2.3930



1.1727, 0.5987, 0.3183

Previews

White Background



This preview shows how the XYZ color 66.1829, 69.4451, 78.3226 looks on a white background.

Color Contrast Check

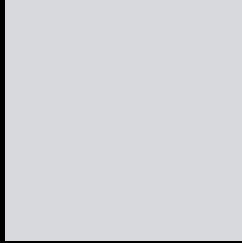
Large Text (above 18pt) WCAG AA × Fail

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 66.1829, 69.4451, 78.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

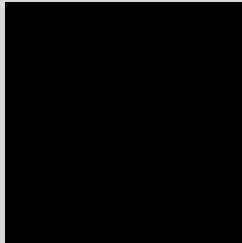
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

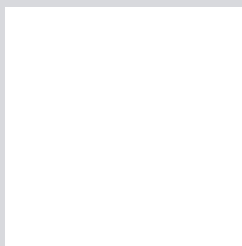
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1829, 69.4451, 78.3226

Background



This preview shows how black text looks on a background with the XYZ color 66.1829, 69.4451, 78.3226.

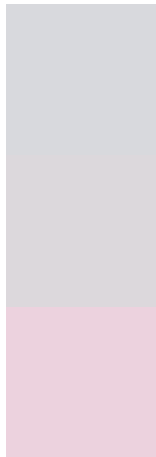


This preview shows how white text looks on a background with the XYZ color 66.1829, 69.4451,

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

66.1829, 69.4451, 78.3226

Protanopia

66.9893, 69.4947, 77.5932

Deuteranopia

70.8235, 69.2000, 78.7314



Tritanopia

67.7794, 69.3325, 86.1541

Trichromacy



Original Color

66.1829, 69.4451, 78.3226

Protanomaly

66.6876, 69.3391, 77.5791

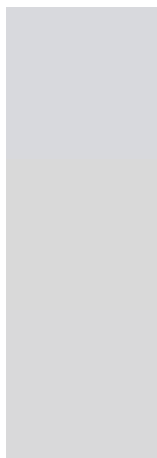
Deuteranomaly

69.2922, 69.5204, 78.8739

Tritanomaly

67.1747, 69.4649, 83.2664

Monochromacy



Original Color

66.1829, 69.4451, 78.3226

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.0830, 69.4394, 76.2499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1829, 69.4451, 78.3226 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(216, 217, 221) looks like.

```
.text, #text, p{  
    color:rgb(216, 217, 221)  
}
```

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(216, 217, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 217, 221) }
```

Border

The CSS property to change the border of an element to XYZ 66.1829, 69.4451, 78.3226 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(216, 217, 221) }
```


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

```
.border{ border-color:rgb(216, 217, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 217, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 217, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 217, 221);  
box-shadow:4px 4px 4px 4px rgb(216, 217,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1829, 69.4451, 78.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 217, 221) }
```

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

```
.background{ background-color: rgb(216,  
217, 221) }
```

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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