

Converting Colors

XYZ(66.4096, 71.8216, 82.3143)

Have a look what the booklet for
XYZ(66.4096, 71.8216, 82.3143)
contains.

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Color

**XYZ(66.4096, 71.8216,
82.3143)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D1DFE2 |
| RGB | 209, 223, 226 |
| RGB Percent | 82%, 87%, 89% |
| CMY | 0.1804, 0.1255, 0.1137 |
| CMYK | 0.08, 0.01, 0.00, 0.11 |
| HSL | 191°, 23%, 85% |
| HSV | 191°, 8%, 89% |
| XYZ | 66.4096, 71.8216, 82.3143 |
| YIQ | 219.1560, -9.3070, -2.0350 |

Conversions

Conversions Part 2

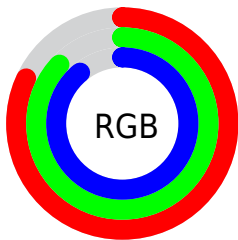
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 209, 217, 226 |
| Decimal | 13754338 |
| CIE Lab | 87.88, -4.09, -3.09 |
| CIE LCh | 88, 5.126, 217.022 |
| Yxy | 71.8216, 0.3011, 0.3257 |
| Android (android.graphics.Color) | 4291944418 (0xFFD1DFE2) |
| YUV | 219.1560, 3.3741, -8.9068 |
| Hunter-Lab | 84.7476, -8.4329, 1.7357 |

Details

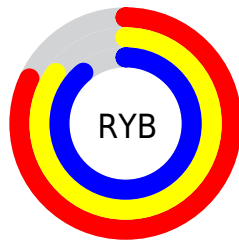
The XYZ color **66.4096, 71.8216, 82.3143** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4164, 67.8587, 69.9202**, and the grayscale version is **67.4238, 70.9351, 77.2483**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8709, 37.9141, 44.0083** is the 20% darker color. If you saturate the color by 10%, you get **59.4121, 66.6546, 81.6869**, and if you desaturate by 10%, it is **74.3433, 77.5123, 82.9957**.

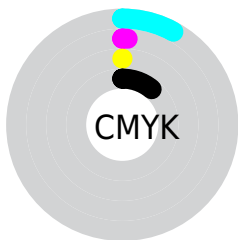
Distribution



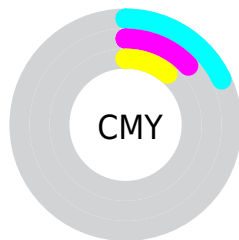
- Red (82%)
- Green (87%)
- Blue (89%)



- Red (82%)
- Yellow (85%)
- Blue (89%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4096, 71.8216, 82.3143 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 66.4096, 71.8216, 82.3143 by changing the saturation by 10% instead.

■ 66.4096, 71.8216,
82.3143

■ 66.4096, 71.8216,
82.3143

437.3059,
466.9204, 522.6094

■ 48.8739, 53.0130,
61.0873

113.1285,
121.8029, 138.4553

■ 34.7336, 37.8131,
43.8646

143.0424,
153.7443, 174.2064

■ 23.6233, 25.8377,
30.2277

177.8131,
190.8320, 215.6360

■ 15.1776, 16.7022,
19.7580

217.8060,
233.4506, 263.1625

■ 9.0313, 10.0224,
12.0369

263.3863,
281.9843, 317.2046

■ 4.8189, 5.4138,
6.6460

314.9195,

■ 2.1750, 2.4921,

336.8176, 378.1807

3.1666

372.7709,
398.3348, 446.5095

■ 0.7295, 0.8727,
1.1803

■ 0.0000, 0.0000,
0.0000

■ 66.4096, 71.8216,
82.3143

■ 66.4096, 71.8216,
82.3143

■ 59.4121, 66.6546,
81.6869

■ 74.3433, 77.5123,
82.9957

■ 53.3065, 61.9824,
81.1069

■ 83.2429, 83.7365,
83.7280

■ 48.0540, 57.7866,
80.5738

■ 84.6635, 86.1427,
84.1176

■ 43.6105, 54.0443,
80.0857

■ 85.8166, 88.4490,
84.5020

■ 39.9279, 50.7305,
79.6401

■ 86.9955, 90.8067,
84.8949

■ 36.9528, 47.8172,
79.2346

■ 88.2002, 93.2161,
85.2965

■ 34.6246, 45.2731,
78.8663

■ 89.4309, 95.6776,
85.7067

■ 32.8723, 43.0612,
78.5317

■ 90.6879, 98.1915,
86.1257

■ 31.6001, 41.1319,
78.2264

■ 90.7277, 98.2711,
86.1390

Harmonies

Analogous

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



65.9638, 71.8216, 79.0252



66.4096, 71.8216, 82.3143



67.3532, 71.8216, 84.5472

Triad

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



66.4096, 71.8216, 82.3143



70.4455, 71.8216, 80.8519



67.9781, 71.8216, 71.7253

Complementary

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



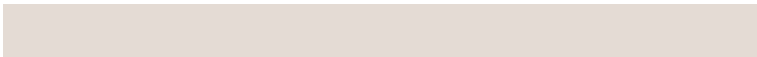
66.4096, 71.8216, 82.3143



66.4164, 67.8587, 69.9202

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.



69.1835, 71.8216, 72.1816



66.4096, 71.8216, 82.3143



70.6176, 71.8216, 77.3835

Square

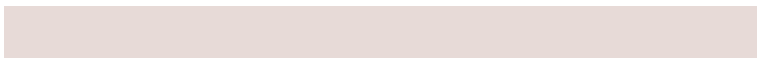
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.4096, 71.8216, 82.3143



69.6856, 71.8216, 83.6854



70.1532, 71.8216, 74.2281



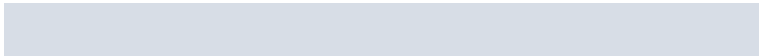
66.8624, 71.8216, 72.9626

Rectangle

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



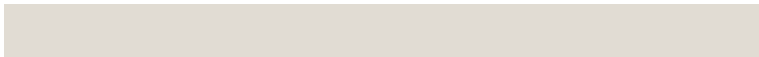
66.4096, 71.8216, 82.3143



68.1426, 71.8216, 85.1000



70.1532, 71.8216, 74.2281



68.3861, 71.8216, 71.6863

Sweetspot

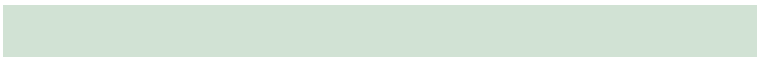
The Sweet Spot groups the original color and five complimentary colors.



66.4117, 71.8246, 82.3159



92.9124, 98.4733, 108.7180



65.3546, 72.6943, 72.7651



19.9095, 21.0934, 23.2720



0.0000, 0.0000, 0.0000



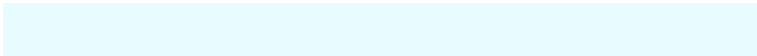
20.3446, 21.4041, 23.3091

Same Dimension

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



66.4117, 71.8246, 82.3159



85.8279, 93.3501, 108.1025



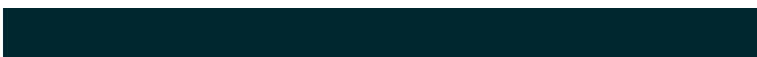
64.2387, 67.4788, 81.5916



13.9003, 15.1397, 17.5773



17.9470, 23.3635, 44.6121



1.2986, 1.7286, 3.1105

Inverse Universe

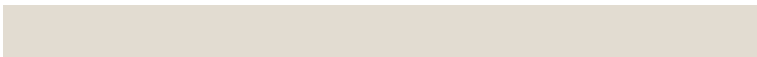
The Inverse Universe completely reimagines the original color for something new.



67.4854, 67.0988, 79.2100



87.5161, 85.9635, 103.2093



68.5546, 72.1349, 70.6329



14.1859, 13.8920, 16.7491



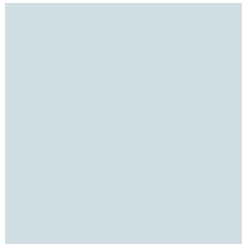
22.9990, 11.2666, 27.7242



1.6217, 0.7920, 2.0668

Previews

White Background



This preview shows how the XYZ color 66.4096, 71.8216, 82.3143 looks on a white background.

Color Contrast Check

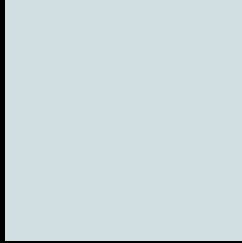
Large Text (above 18pt) WCAG AA × Fail

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 66.4096, 71.8216, 82.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

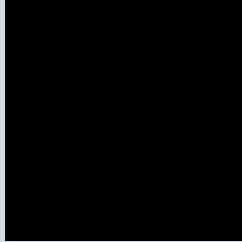
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

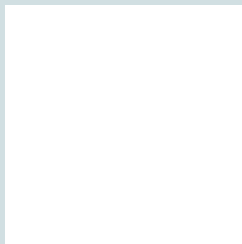
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.4096, 71.8216, 82.3143

Background



This preview shows how black text looks on a background with the XYZ color 66.4096, 71.8216, 82.3143.

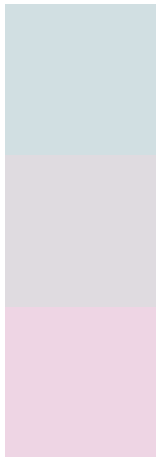


This preview shows how white text looks on a background with the XYZ color 66.4096, 71.8216,

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

66.4096, 71.8216, 82.3143

Protanopia

69.2175, 71.7328, 80.7187

Deuteranopia

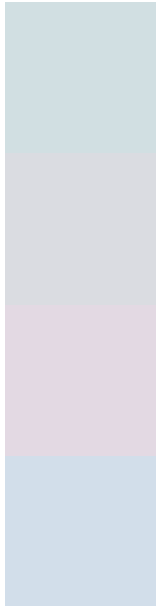
73.0577, 71.3671, 83.3235



Tritanopia

68.3004, 71.7938, 91.9191

Trichromacy



Original Color

66.4096, 71.8216, 82.3143

Protanomaly

68.0972, 71.5281, 81.4514

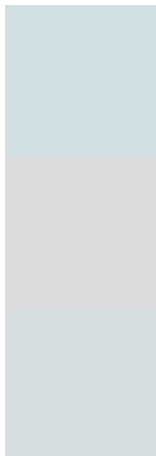
Deuteranomaly

70.3565, 71.5027, 82.7662

Tritanomaly

67.5509, 71.8847, 88.1567

Monochromacy



Original Color

66.4096, 71.8216, 82.3143

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.8023, 70.9074, 79.2729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4096, 71.8216, 82.3143 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, 223, 226) looks like.

```
.text, #text, p{  
    color:rgb(209, 223, 226)  
}
```

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, 223, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 223, 226) }
```

Border

The CSS property to change the border of an element to XYZ 66.4096, 71.8216, 82.3143 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, 223, 226) }
```


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

```
.border{ border-color:rgb(209, 223, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 223, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 223, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 223, 226);  
box-shadow:4px 4px 4px 4px rgb(209, 223,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4096, 71.8216, 82.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 223, 226) }
```

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

```
.background{ background-color: rgb(209,  
223, 226) }
```

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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