

Converting Colors

XYZ(66.4173, 71.1464, 81.1168)

Have a look what the booklet for
XYZ(66.4173, 71.1464, 81.1168)
contains.

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Color

**XYZ(66.3110, 70.9980,
81.4432)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DDE1
RGB	211, 221, 225
RGB Percent	83%, 87%, 88%
CMY	0.1725, 0.1333, 0.1176
CMYK	0.06, 0.02, 0.00, 0.12
HSL	197°, 19%, 85%
HSV	197°, 6%, 88%
XYZ	66.3110, 70.9980, 81.4432
YIQ	218.4660, -7.2440, -0.8760

Conversions

Conversions Part 2

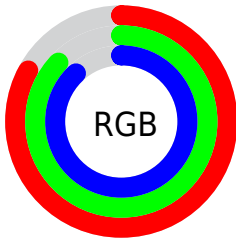
Format	Color
R _Y B	211, 217, 225
Decimal	13884897
CIE Lab	87.48, -2.59, -3.13
CIE LCh	87, 4.064, 230.338
Yxy	70.9980, 0.3031, 0.3246
Android (android.graphics.Color)	4292074977 (0xFFD3DDE1)
YUV	218.4660, 3.2213, -6.5477
Hunter-Lab	84.2603, -6.9800, 1.6745

Details

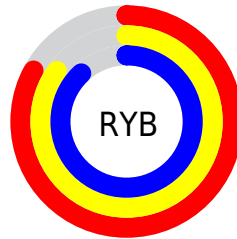
The XYZ color **66.3110, 70.9980, 81.4432** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.1099, 69.3110, 71.4704**, and the grayscale version is **66.9459, 70.4323, 76.7008**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6022, 37.2426, 43.3950** is the 20% darker color. If you saturate the color by 10%, you get **58.6477, 64.5797, 80.6093**, and if you desaturate by 10%, it is **74.9455, 78.0172, 82.3440**.

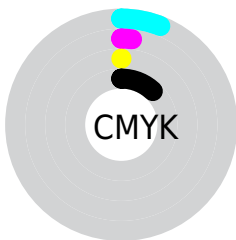
Distribution



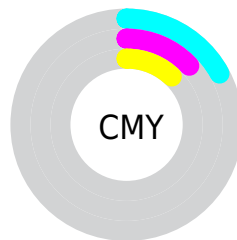
- Red (83%)
- Green (87%)
- Blue (88%)



- Red (83%)
- Yellow (85%)
- Blue (88%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (12%)



- Cyan (17%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3110, 70.9980, 81.4432 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 66.3110, 70.9980, 81.4432 by changing the saturation by 10% instead.

■ 66.3110, 70.9980,
81.4432

■ 66.3110, 70.9980,
81.4432

436.9594,
464.0464, 519.6178

■ 48.7935, 52.3406,
60.3735

112.9878,
120.6309, 137.2226

■ 34.6696, 37.2766,
43.2925

142.8779,
152.3751, 172.7694

■ 23.5738, 25.4217,
29.7816

177.6230,
189.2504, 213.9790

■ 15.1408, 16.3915,
19.4222

217.5883,
231.6411, 261.2699

■ 9.0052, 9.8016,
11.7959

263.1392,
279.9317, 315.0607

■ 4.8017, 5.2676,
6.4840

314.6412,

■ 2.1650, 2.4051,

334.5065, 375.7699

3.0680

372.4594,
395.7500, 443.8161

■ 0.7242, 0.8285,
1.1295

■ 0.0000, 0.0000,
0.0000

■ 66.3110, 70.9980,
81.4432

■ 66.3110, 70.9980,
81.4432

■ 58.6477, 64.5797,
80.6093

■ 74.9455, 78.0172,
82.3440

■ 51.9116, 58.7327,
79.8358

■ 84.2113, 85.4573,
83.2918

■ 46.0640, 53.4379,
79.1220

■ 86.0717, 89.1781,
83.9119

■ 41.0613, 48.6718,
78.4657

■ 87.9991, 93.0329,
84.5544

■ 36.8559, 44.4086,
77.8645

■ 89.9942, 97.0230,
85.2194

■ 33.3950, 40.6201,
77.3156

■ 90.5908, 98.2163,
85.4183

■ 30.6193, 37.2745,
76.8162

■ 28.4595, 34.3349,
76.3626

■ 26.8294, 31.7556,
75.9507

Harmonies

Analogous

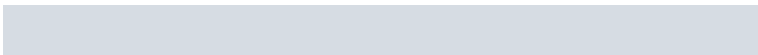
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.7666, 70.9980, 79.1554



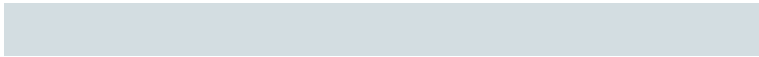
66.3110, 70.9980, 81.4432



67.1724, 70.9980, 82.6303

Triad

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



66.3110, 70.9980, 81.4432



69.3162, 70.9980, 78.1948



66.8424, 70.9980, 72.4565

Complementary

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



66.3110, 70.9980, 81.4432



67.1099, 69.3110, 71.4704

Split Complementary

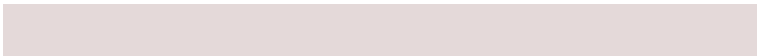
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.7915, 70.9980, 72.2131



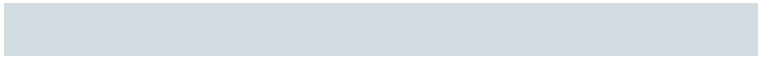
66.3110, 70.9980, 81.4432



69.2259, 70.9980, 75.4832

Square

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



66.3110, 70.9980, 81.4432



68.9114, 70.9980, 80.7257



68.6656, 70.9980, 73.3089



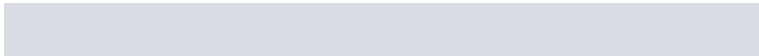
66.0714, 70.9980, 73.9818

Rectangle

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



66.3110, 70.9980, 81.4432



67.8130, 70.9980, 82.6190



68.6656, 70.9980, 73.3089



67.1510, 70.9980, 72.2234

Sweetspot

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



66.3130, 71.0010, 81.4448



92.7358, 98.1201, 108.6591



66.0517, 72.6051, 74.8015



19.8736, 21.0215, 23.2601



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.



66.3130, 71.0010, 81.4448



87.1811, 93.5622, 108.0721



64.5107, 67.3963, 80.8440



14.0919, 15.1450, 17.5682



15.2568, 17.9832, 43.7154



1.1327, 1.3969, 3.0552

Inverse Universe

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



67.3983, 67.8179, 77.9480



88.8080, 88.8114, 102.8255



68.9227, 72.9367, 72.0747



14.3749, 14.3209, 16.6552



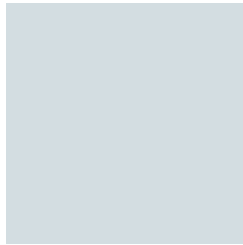
21.6411, 10.7235, 20.5738



1.5380, 0.7585, 1.6259

Previews

White Background



This preview shows how the XYZ color 66.3110, 70.9980, 81.4432 looks on a white background.

Color Contrast Check

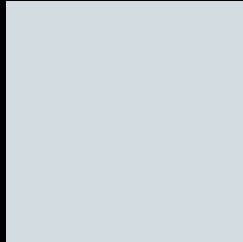
Large Text (above 18pt) WCAG AA × Fail

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 66.3110, 70.9980, 81.4432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

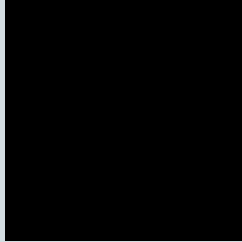
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

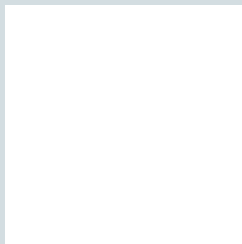
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.3110, 70.9980, 81.4432

Background



This preview shows how black text looks on a background with the XYZ color 66.3110, 70.9980, 81.4432.

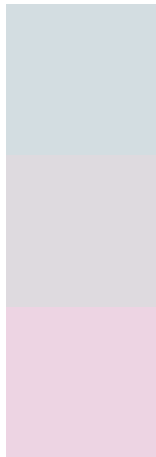


This preview shows how white text looks on a background with the XYZ color 66.3110, 70.9980,

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

66.3110, 70.9980, 81.4432

Protanopia

68.5149, 71.0001, 79.9053

Deuteranopia

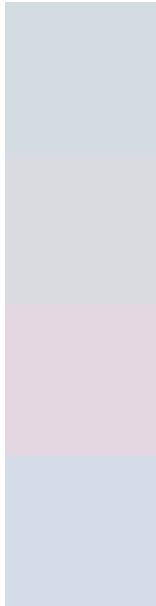
72.3337, 70.6375, 82.4951



Tritanopia

68.0582, 70.9236, 90.2233

Trichromacy



Original Color

66.3110, 70.9980, 81.4432

Protanomaly

67.6995, 70.9503, 80.6476

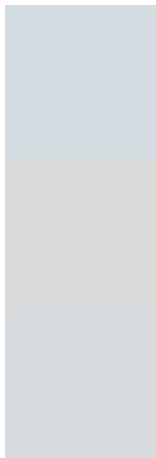
Deuteranomaly

70.0228, 70.5858, 81.8853

Tritanomaly

67.4526, 71.0666, 87.2529

Monochromacy



Original Color

66.3110, 70.9980, 81.4432

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.4070, 70.3306, 78.4817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3110, 70.9980, 81.4432 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(211, 221, 225) looks like.

```
.text, #text, p{  
    color:rgb(211, 221, 225)  
}
```

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(211, 221, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 221, 225) }
```

Border

The CSS property to change the border of an element to XYZ 66.3110, 70.9980, 81.4432 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(211, 221, 225) }
```


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

```
.border{ border-color:rgb(211, 221, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 221, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 221, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 221, 225);  
box-shadow:4px 4px 4px 4px rgb(211, 221,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3110, 70.9980, 81.4432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 221, 225) }
```

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

```
.background{ background-color: rgb(211,  
221, 225) }
```

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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