

Converting Colors

XYZ(66.9390, 71.6282, 81.8858)

Have a look what the booklet for
XYZ(66.9390, 71.6282, 81.8858)
contains.

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Color

**XYZ(66.8633, 71.6758,
81.5449)**

Conversions

Conversions Part 1	
Format	Color
Hex	D4DEE1
RGB	212, 222, 225
RGB Percent	83%, 87%, 88%
CMY	0.1686, 0.1294, 0.1176
CMYK	0.06, 0.01, 0.00, 0.12
HSL	194°, 18%, 86%
HSV	194°, 6%, 88%
XYZ	66.8633, 71.6758, 81.5449
YIQ	219.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

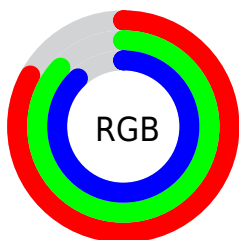
Format	Color
RYB	212, 218, 225
Decimal	13950689
CIELab	87.81, -2.78, -2.64
CIELCh	88, 3.833, 223.489
Yxy	71.6758, 0.3038, 0.3257
Android (android.graphics.Color)	4292140769 (0xFFD4DEE1)
YUV	219.3520, 2.7845, -6.4477
Hunter-Lab	84.6616, -7.1835, 2.1557

Details

The XYZ color **66.8633, 71.6758, 81.5449** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2358, 69.3615, 72.1331**, and the grayscale version is **67.5627, 71.0813, 77.4075**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9790, 37.7078, 43.4650** is the 20% darker color. If you saturate the color by 10%, you get **59.4678, 65.8515, 80.8116**, and if you desaturate by 10%, it is **75.2091, 78.0569, 82.3378**.

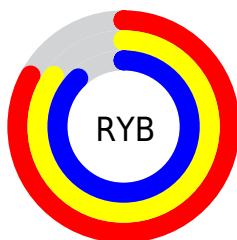
Distribution



Red (83%)

Green (87%)

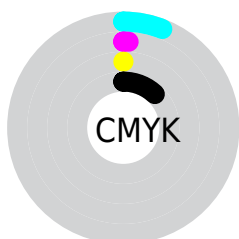
Blue (88%)



Red (83%)

Yellow (85%)

Blue (88%)

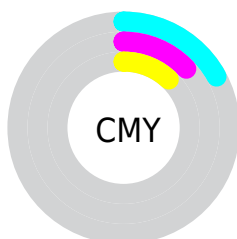


Cyan (6%)

Magenta (1%)

Yellow (0%)

Black (12%)



Cyan (17%)


Magenta (13%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.8633, 71.6758, 81.5449 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 66.8633, 71.6758, 81.5449 by changing the saturation by 10% instead.


 66.8633, 71.6758,
81.5449

 66.8633, 71.6758,
81.5449


438.8982,
466.4124, 519.9676

 49.2438, 52.8939,
60.4569


113.7754,
121.5955, 137.3666

 35.0283, 37.7181,
43.3593


143.7987,
153.5021, 172.9373

 23.8513, 25.7639,
29.8336


178.6874,
190.5523, 214.1726

 15.3475, 16.6471,
19.4614

218.8067,
233.1306, 261.4911

 9.1515, 9.9832,
11.8239

264.5221,
281.6214, 315.3113

 4.8980, 5.3878,
6.5028


316.1989,


 2.2217, 2.4766,


336.4090, 376.0517


3.0795


374.2025,
397.8779, 444.1310


 0.7541, 0.8649,
1.1354


 0.0000, 0.0000,
0.0000


 66.8633, 71.6758,
81.5449

 66.8633, 71.6758,
81.5449


 59.4678, 65.8515,
80.8116


 75.2091, 78.0569,
82.3378


 52.9790, 60.5550,
80.1312

 83.7940, 84.6227,
83.1527

 47.3588, 55.7680,
79.5035

 85.2788, 87.5924,
83.6476

 42.5639, 51.4678,
78.9262

 86.8071, 90.6489,
84.1570

■ 38.5474, 47.6294,
78.3970

■ 88.3792, 93.7932,
84.6811

■ 35.2572, 44.2256,
77.9134

■ 89.9956, 97.0258,
85.2198

■ 32.6346, 41.2253,
77.4725

■ 90.5908, 98.2163,
85.4183

■ 30.6112, 38.5929,
77.0710

■ 29.1030, 36.2842,
76.7049

Harmonies

Analogous

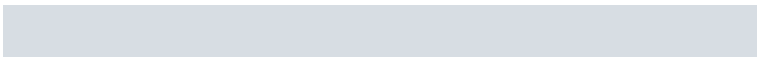
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.4373, 71.6758, 79.2183



66.8633, 71.6758, 81.5449



67.6293, 71.6758, 82.9498

Triad

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



66.8633, 71.6758, 81.5449



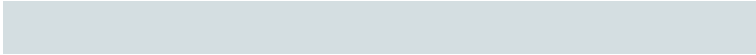
69.8182, 71.6758, 79.4765



67.7181, 71.6758, 73.2675

Complementary

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



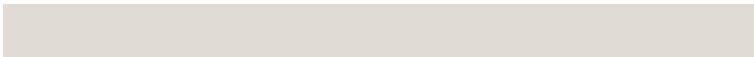
66.8633, 71.6758, 81.5449



67.2358, 69.3615, 72.1331

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.



68.6245, 71.6758, 73.3331



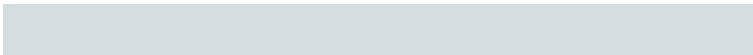
66.8633, 71.6758, 81.5449



69.8425, 71.6758, 76.8789

Square

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



66.8633, 71.6758, 81.5449



69.3378, 71.6758, 81.7376



69.4039, 71.6758, 74.6424



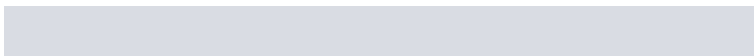
66.9278, 71.6758, 74.4610

Rectangle

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



66.8633, 71.6758, 81.5449



68.2323, 71.6758, 83.1556



69.4039, 71.6758, 74.6424



68.0192, 71.6758, 73.1439

Sweetspot

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



66.8654, 71.6788, 81.5465



92.8246, 98.2977, 108.6887



66.3200, 72.7456, 74.7137



19.8916, 21.0577, 23.2661



0.0000, 0.0000, 0.0000



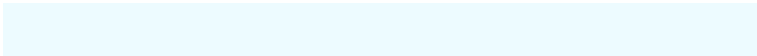
20.3446, 21.4041, 23.3091

Same Dimension

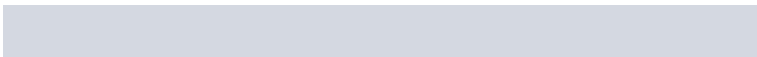
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.8654, 71.6788, 81.5465



87.4865, 94.1731, 108.1739



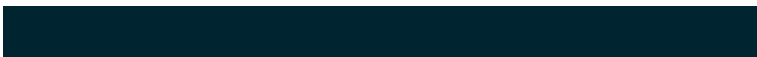
65.2181, 68.3843, 80.9974



14.1451, 15.2513, 17.5859



16.5501, 20.5697, 44.1464



1.2132, 1.5579, 3.0820

Inverse Universe

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



67.7813, 68.3700, 78.7350



88.9621, 88.8731, 103.6374



68.8763, 72.6425, 72.6799



14.4017, 14.3316, 16.7965



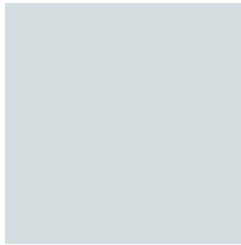
22.2939, 10.9846, 24.0113



1.5786, 0.7747, 1.8399

Previews

White Background



This preview shows how the XYZ color 66.8633, 71.6758, 81.5449 looks on a white background.

Color Contrast Check

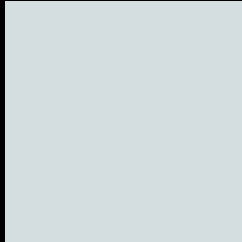
Large Text (above 18pt) WCAG AA × Fail

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 66.8633, 71.6758, 81.5449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

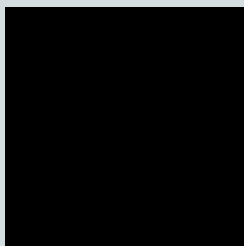
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

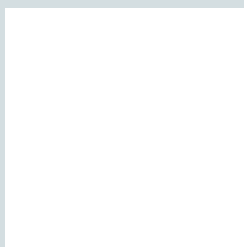
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.8633, 71.6758, 81.5449

Background



This preview shows how black text looks on a background with the XYZ color 66.8633, 71.6758, 81.5449.

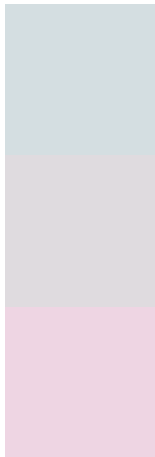


This preview shows how white text looks on a background with the XYZ color 66.8633, 71.6758,

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

66.8633, 71.6758, 81.5449

Protanopia

69.0822, 71.6787, 80.0064

Deuteranopia

72.9193, 71.3117, 82.5943



Tritanopia

68.6108, 71.5970, 90.3242

Trichromacy

	Original Color 66.8633, 71.6758, 81.5449
	Protanomaly 68.2612, 71.6283, 80.7489
	Deuteranomaly 70.5964, 71.2607, 81.9854
	Tritanomaly 68.0050, 71.7422, 87.3542

Monochromacy

	Original Color 66.8633, 71.6758, 81.5449
	Achromatopsia 67.3311, 70.8376, 77.1421
	Achromatomaly 66.9632, 71.0058, 78.5828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8633, 71.6758, 81.5449 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(212, 222, 225) looks like.

```
.text, #text, p{  
    color:rgb(212, 222, 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(212, 222, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 222, 225) }
```

Border

The CSS property to change the border of an element to XYZ 66.8633, 71.6758, 81.5449 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(212, 222, 225) }
```


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

```
.border{ border-color:rgb(212, 222, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 222, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 222, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 222, 225);  
box-shadow:4px 4px 4px 4px rgb(212, 222,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8633, 71.6758, 81.5449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 222, 225) }
```

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

```
.background{ background-color: rgb(212,  
222, 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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