

Converting Colors

XYZ(66.7272, 71.6214, 80.8284)

Have a look what the booklet for
XYZ(66.7272, 71.6214, 80.8284)
contains.

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Color

**XYZ(66.7272, 71.6214,
80.8284)**

Conversions

Conversions Part 1

Format	Color
Hex	D4DEE0
RGB	212, 222, 224
RGB Percent	83%, 87%, 88%
CMY	0.1686, 0.1294, 0.1216
CMYK	0.05, 0.01, 0.00, 0.12
HSL	190°, 16%, 85%
HSV	190°, 5%, 88%
XYZ	66.7272, 71.6214, 80.8284
YIQ	219.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

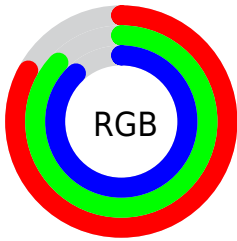
Format	Color
R _Y B	212, 217, 224
Decimal	13950688
CIE Lab	87.79, -2.97, -2.15
CIE LCh	88, 3.666, 215.903
Yxy	71.6214, 0.3044, 0.3268
Android (android.graphics.Color)	4292140768 (0xFFD4DEE0)
YUV	219.2380, 2.3477, -6.3477
Hunter-Lab	84.6294, -7.3608, 2.6135

Details

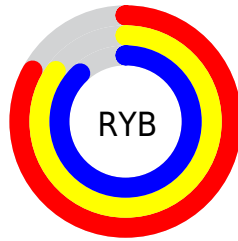
The XYZ color **66.7272, 71.6214, 80.8284** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6709, 68.6933, 72.0337**, and the grayscale version is **67.4863, 71.0009, 77.3199**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8848, 37.6701, 42.9685** is the 20% darker color. If you saturate the color by 10%, you get **59.7342, 66.5650, 80.2221**, and if you desaturate by 10%, it is **74.6421, 77.1894, 81.4871**.

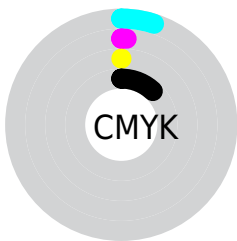
Distribution



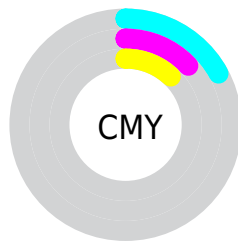
- Red (83%)
- Green (87%)
- Blue (88%)



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



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7272, 71.6214, 80.8284 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 66.7272, 71.6214, 80.8284 by changing the saturation by 10% instead.

■ 66.7272, 71.6214,
80.8284

■ 66.7272, 71.6214,
80.8284

438.4209,
466.2228, 517.5004

■ 49.1328, 52.8495,
59.8701

113.5814,
121.5181, 136.3517

■ 34.9398, 37.6826,
42.8893

143.5719,
153.4117, 171.7538

■ 23.7828, 25.7364,
29.4675

178.4252,
190.4479, 212.8075

■ 15.2965, 16.6266,
19.1862

218.5067,
233.0112, 259.9315

■ 9.1154, 9.9686,
11.6267

264.1816,
281.4859, 313.5443

■ 4.8742, 5.3782,
6.3706

315.8154,

■ 2.2077, 2.4708,

336.2565, 374.0643

2.9993

373.7734,
397.7073, 441.9102

■ 0.7468, 0.8620,
1.0943

■ 0.0000, 0.0000,
0.0000

■ 66.7272, 71.6214,
80.8284

■ 66.7272, 71.6214,
80.8284

■ 59.7342, 66.5650,
80.2221

■ 74.6421, 77.1894,
81.4871

■ 53.6200, 61.9920,
79.6617

■ 82.8412, 82.9347,
82.1639

■ 48.3475, 57.8850,
79.1468

■ 83.8862, 85.0249,
82.5122

■ 43.8742, 54.2218,
78.6755

■ 84.9536, 87.1596,
82.8680

40.1540, 50.9785,
78.2456

86.0434, 89.3392,
83.2313

37.1359, 48.1286,
77.8546

87.1557, 91.5638,
83.6021

34.7625, 45.6423,
77.4997

88.2908, 93.8339,
83.9804

32.9670, 43.4848,
77.1779

89.4486, 96.1496,
84.3664

31.6673, 41.6138,
76.8853

90.4548, 98.1619,
84.7018

Harmonies

Analogous

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



66.4226, 71.6214, 78.4775



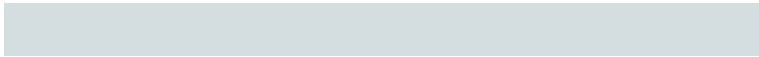
66.7272, 71.6214, 80.8284



67.3929, 71.6214, 82.4417

Triad

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



66.7272, 71.6214, 80.8284



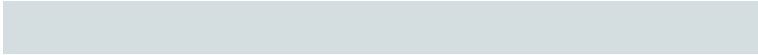
69.6133, 71.6214, 79.9571



67.9020, 71.6214, 73.3119

Complementary

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



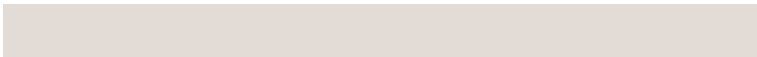
66.7272, 71.6214, 80.8284



66.6709, 68.6933, 72.0337

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.



68.7597, 71.6214, 73.6891



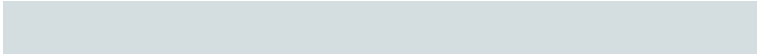
66.7272, 71.6214, 80.8284



69.7525, 71.6214, 77.4916

Square

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



66.7272, 71.6214, 80.8284



69.0602, 71.6214, 81.9312



69.4388, 71.6214, 75.2062



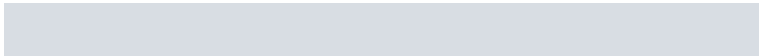
67.0972, 71.6214, 74.1648

Rectangle

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



66.7272, 71.6214, 80.8284



67.9545, 71.6214, 82.8632



69.4388, 71.6214, 75.2062



68.1937, 71.6214, 73.2993

Sweetspot

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



66.7292, 71.6244, 80.8300



92.9284, 98.5053, 108.7233



65.9202, 72.1543, 73.9385



19.9127, 21.0999, 23.2731



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

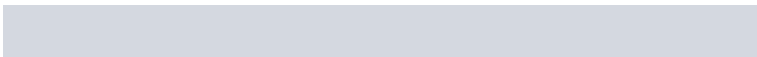
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.7292, 71.6244, 80.8300



88.8367, 95.5994, 108.3781



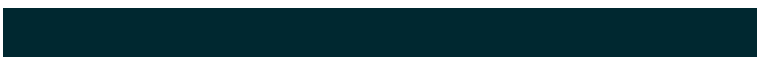
65.2142, 68.5943, 80.3250



14.3578, 15.4837, 17.6196



18.2149, 23.8995, 44.7014



1.3148, 1.7611, 3.1159

Inverse Universe

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



67.4704, 68.2096, 78.7205



89.9547, 90.4608, 105.1931



68.1660, 71.6834, 72.5321



14.5562, 14.5737, 17.0539



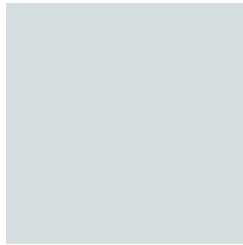
23.1343, 11.3207, 28.4365



1.6299, 0.7952, 2.1099

Previews

White Background



This preview shows how the XYZ color 66.7272, 71.6214, 80.8284 looks on a white background.

Color Contrast Check

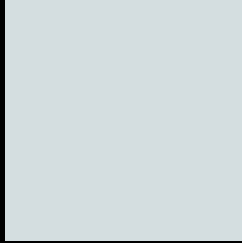
Large Text (above 18pt) WCAG AA × Fail

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 66.7272, 71.6214, 80.8284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

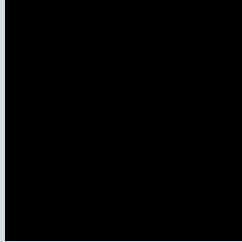
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

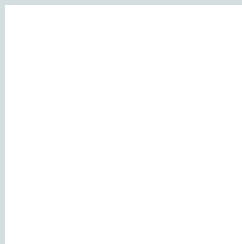
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7272, 71.6214, 80.8284

Background



This preview shows how black text looks on a background with the XYZ color 66.7272, 71.6214, 80.8284.

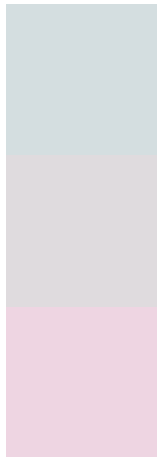


This preview shows how white text looks on a background with the XYZ color 66.7272, 71.6214,

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

66.7272, 71.6214, 80.8284

Protanopia

68.9478, 71.6249, 79.2983

Deuteranopia

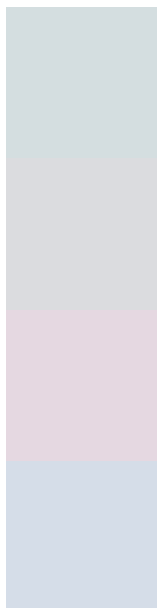
72.7816, 71.2566, 81.8694



Tritanopia

68.6108, 71.5970, 90.3242

Trichromacy



Original Color

66.7272, 71.6214, 80.8284

Protanomaly

68.1259, 71.5742, 80.0366

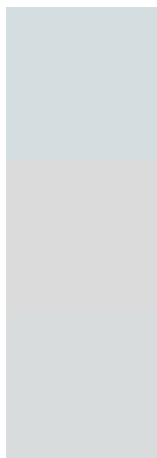
Deuteranomaly

70.4596, 71.2060, 81.2647

Tritanomaly

67.8625, 71.6852, 86.6038

Monochromacy



Original Color

66.7272, 71.6214, 80.8284

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 66.7272, 71.6214, 80.8284 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, 224) looks like.

```
.text, #text, p{  
    color:rgb(212, 222, 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(212, 222, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 222, 224) }
```

Border

The CSS property to change the border of an element to XYZ 66.7272, 71.6214, 80.8284 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, 224) }
```


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

```
.border{ border-color:rgb(212, 222, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 222, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 222, 224);  
box-shadow:4px 4px 4px 4px rgb(212, 222,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7272, 71.6214, 80.8284 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, 224) }
```

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

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