

Converting Colors

XYZ(66.9680, 70.9454, 80.1654)

Have a look what the booklet for
XYZ(66.9680, 70.9454, 80.1654)
contains.

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Color

**XYZ(66.9368, 70.9612,
79.9810)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DCDF
RGB	215, 220, 223
RGB Percent	84%, 86%, 87%
CMY	0.1569, 0.1372, 0.1255
CMYK	0.04, 0.01, 0.00, 0.13
HSL	202°, 11%, 86%
HSV	202°, 4%, 87%
XYZ	66.9368, 70.9612, 79.9810
YIQ	218.8470, -3.9430, -0.1270

Conversions

Conversions Part 2

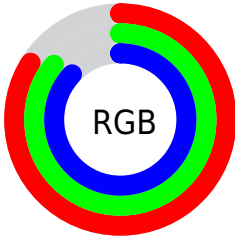
Format	Color
R _Y B	215, 218, 223
Decimal	14146783
CIE Lab	87.47, -1.13, -2.07
CIE LCh	87, 2.353, 241.409
Yxy	70.9612, 0.3072, 0.3257
Android (android.graphics.Color)	4292336863 (0xFFD7DCDF)
YUV	218.8470, 2.0474, -3.3738
Hunter-Lab	84.2385, -5.5793, 2.6735

Details

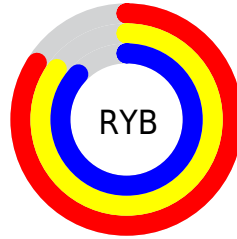
The XYZ color **66.9368, 70.9612, 79.9810** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.7687, 70.7363, 74.3727**, and the grayscale version is **67.2158, 70.7163, 77.0101**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0202, 37.2110, 42.3825** is the 20% darker color. If you saturate the color by 10%, you get **58.6925, 63.5396, 78.9841**, and if you desaturate by 10%, it is **76.1872, 79.0680, 81.0593**.

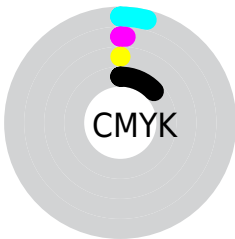
Distribution



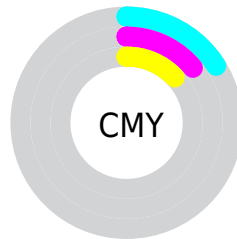
- Red (84%)
- Green (86%)
- Blue (87%)



- Red (84%)
- Yellow (85%)
- Blue (87%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9368, 70.9612, 79.9810 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 66.9368, 70.9612, 79.9810 by changing the saturation by 10% instead.

■ 66.9368, 70.9612,
79.9810

■ 66.9368, 70.9612,
79.9810

439.1558,
463.9178, 514.5739

■ 49.3038, 52.3105,
59.1766

113.8801,
120.5785, 135.1502

■ 35.0760, 37.2527,
42.3344

143.9212,
152.3139, 170.3521

■ 23.8882, 25.4032,
29.0357

178.8289,
189.1796, 211.1902

■ 15.3750, 16.3777,
18.8620

218.9687,
231.5602, 258.0832

■ 9.1710, 9.7918,
11.3948

264.7060,
279.8399, 311.4495

■ 4.9109, 5.2611,
6.2155

316.4060,

■ 2.2293, 2.4013,

334.4031, 371.7077

2.9057

374.4341,
395.6343, 439.2763

■ 0.7581, 0.8265,
1.0467

■ 0.0000, 0.0000,
0.0000

■ 66.9368, 70.9612,
79.9810

■ 66.9368, 70.9612,
79.9810

■ 58.6925, 63.5396,
78.9841

■ 76.1872, 79.0680,
81.0593

■ 51.4109, 56.7726,
78.0617

■ 84.7598, 86.9883,
82.1363

■ 45.0540, 50.6401,
77.2131

■ 87.2307, 91.9303,
82.9599

■ 39.5790, 45.1177,
76.4357

■ 89.8158, 97.1005,
83.8216

■ 34.9395, 40.1788,
75.7269

■ 90.3195, 98.1078,
83.9895

■ 31.0844, 35.7946,
75.0839

■ 27.9564, 31.9330,
74.5034

■ 25.4899, 28.5573,
73.9818

■ 23.6053, 25.6237,
73.5149

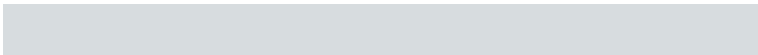
Harmonies

Analogous

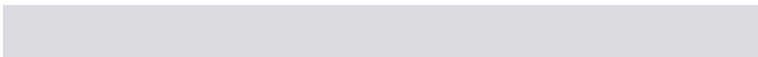
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.5393, 70.9612, 78.8693



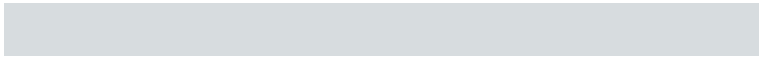
66.9368, 70.9612, 79.9810



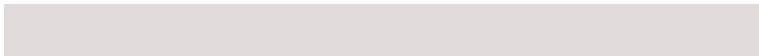
67.4728, 70.9612, 80.3622

Triad

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



66.9368, 70.9612, 79.9810



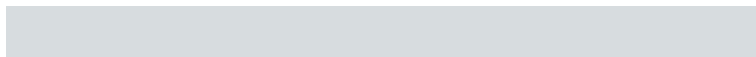
68.5196, 70.9612, 77.1895



66.8916, 70.9612, 74.6841

Complementary

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



66.9368, 70.9612, 79.9810



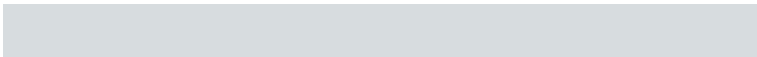
67.7687, 70.7363, 74.3727

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.



67.4202, 70.9612, 74.2478



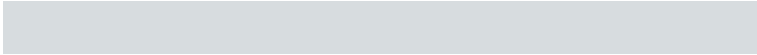
66.9368, 70.9612, 79.9810



68.3619, 70.9612, 75.6820

Square

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



66.9368, 70.9612, 79.9810



68.3884, 70.9612, 78.7374



67.9588, 70.9612, 74.6106



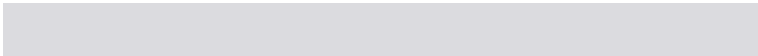
66.5133, 70.9612, 75.8105

Rectangle

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



66.9368, 70.9612, 79.9810



67.8370, 70.9612, 80.1468



67.9588, 70.9612, 74.6106



67.0575, 70.9612, 74.4525

Sweetspot

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



66.9388, 70.9642, 79.9826



93.8141, 98.9117, 108.7551



67.0592, 72.2820, 76.7024



20.0931, 21.1827, 23.2796



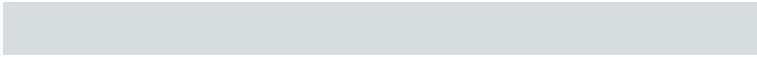
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

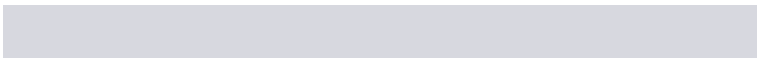
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.9388, 70.9642, 79.9826



90.1898, 95.7032, 108.3268



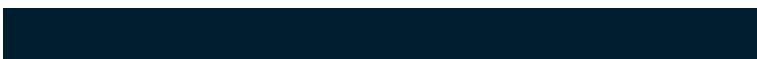
65.9176, 68.9218, 79.6421



14.5366, 15.4480, 17.6033



13.4128, 14.2951, 43.1007



1.0148, 1.1611, 3.0159

Inverse Universe

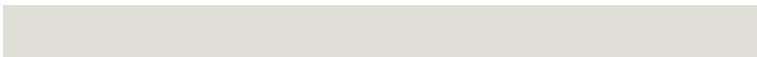
The Inverse Universe completely reimagines the original color for something new.



67.6517, 69.4574, 77.5548



91.2729, 93.4202, 104.6367



68.8018, 72.8026, 74.7170



14.7425, 15.0159, 16.9014



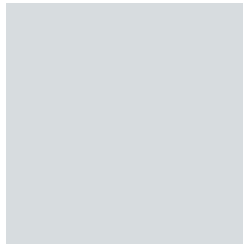
20.7103, 10.3511, 15.6723



1.4785, 0.7347, 1.3126

Previews

White Background



This preview shows how the XYZ color 66.9368, 70.9612, 79.9810 looks on a white background.

Color Contrast Check

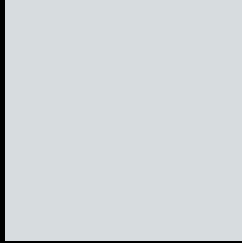
Large Text (above 18pt) WCAG AA × Fail

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 66.9368, 70.9612, 79.9810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

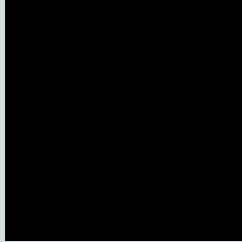
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

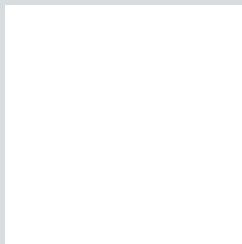
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.9368, 70.9612, 79.9810

Background



This preview shows how black text looks on a background with the XYZ color 66.9368, 70.9612, 79.9810.

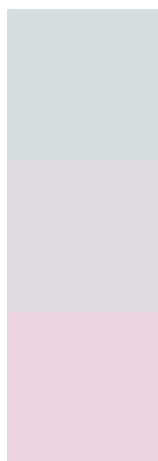


This preview shows how white text looks on a background with the XYZ color 66.9368, 70.9612, 79.9810.

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

66.9368, 70.9612, 79.9810

Protanopia

68.3804, 70.9463, 79.1972

Deuteranopia

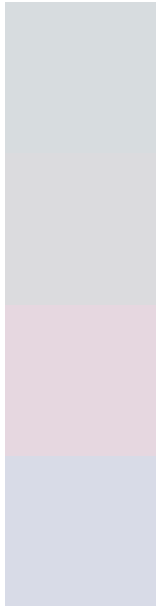
72.3940, 70.7004, 81.0651



Tritanopia

68.6821, 70.8927, 88.6610

Trichromacy



Original Color

66.9368, 70.9612, 79.9810

Protanomaly

67.7298, 70.9970, 79.2413

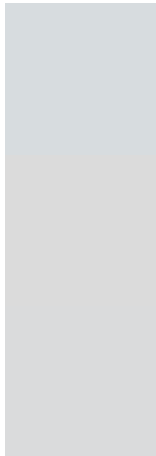
Deuteranomaly

70.3881, 70.8057, 80.4780

Tritanomaly

68.0742, 71.0315, 85.7239

Monochromacy



Original Color

66.9368, 70.9612, 79.9810

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.1632, 70.7358, 77.8236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9368, 70.9612, 79.9810 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(215, 220, 223) looks like.

```
.text, #text, p{  
    color:rgb(215, 220, 223)  
}
```

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(215, 220, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 220, 223) }
```

Border

The CSS property to change the border of an element to XYZ 66.9368, 70.9612, 79.9810 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(215, 220, 223) }
```


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

```
.border{ border-color:rgb(215, 220, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 220, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 220, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 220, 223);  
box-shadow:4px 4px 4px 4px rgb(215, 220,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9368, 70.9612, 79.9810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 220, 223) }
```

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

```
.background{ background-color: rgb(215,  
220, 223) }
```

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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