

Converting Colors

XYZ(66.0775, 70.4375, 80.2577)

Have a look what the booklet for
XYZ(66.0775, 70.4375, 80.2577)
contains.

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Color

**XYZ(66.0639, 70.5112,
79.9401)**

Conversions

Conversions Part 1

Format	Color
Hex	D4DCDF
RGB	212, 220, 223
RGB Percent	83%, 86%, 87%
CMY	0.1686, 0.1372, 0.1255
CMYK	0.05, 0.01, 0.00, 0.13
HSL	196°, 15%, 85%
HSV	196°, 5%, 87%
XYZ	66.0639, 70.5112, 79.9401
YIQ	217.9500, -5.7310, -0.7630

Conversions

Conversions Part 2

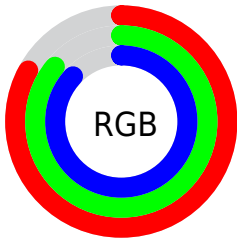
Format	Color
R _{YB}	212, 217, 223
Decimal	13950175
CIE Lab	87.25, -2.12, -2.41
CIE LCh	87, 3.215, 228.656
Yxy	70.5112, 0.3051, 0.3257
Android (android.graphics.Color)	4292140255 (0xFFD4DCDF)
YUV	217.9500, 2.4897, -5.2181
Hunter-Lab	83.9709, -6.5148, 2.3358

Details

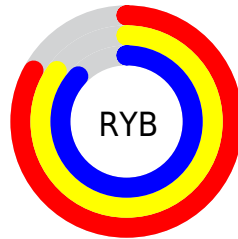
The XYZ color **66.0639, 70.5112, 79.9401** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6157, 69.0417, 72.1039**, and the grayscale version is **66.5941, 70.0621, 76.2977**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4276, 36.9055, 42.3547** is the 20% darker color. If you saturate the color by 10%, you get **58.5092, 64.2945, 79.1394**, and if you desaturate by 10%, it is **74.5684, 77.3075, 80.8048**.

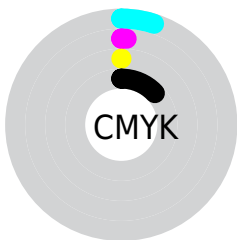
Distribution



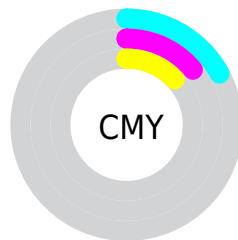
- Red (83%)
- Green (86%)
- Blue (87%)



- Red (83%)
- Yellow (85%)
- Blue (87%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (17%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0639, 70.5112, 79.9401 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 66.0639, 70.5112, 79.9401 by changing the saturation by 10% instead.

■ 66.0639, 70.5112,
79.9401

■ 66.0639, 70.5112,
79.9401

436.0904,
462.3429, 514.4324

■ 48.5922, 51.9434,
59.1432

112.6353,
119.9375, 135.0922

■ 34.5093, 36.9600,
42.3076

142.4656,
151.5647, 170.2844

■ 23.4499, 25.1765,
29.0149

177.1462,
188.3139, 211.1121

■ 15.0485, 16.2086,
18.8464

217.0424,
230.5695, 257.9939

■ 8.9400, 9.6719,
11.3837

262.5196,
278.7157, 311.3483

■ 4.7589, 5.1820,
6.2081

313.9431,

■ 2.1398, 2.3544,

333.1371, 371.5938

2.9012

371.6782,
394.2181, 439.1490

■ 0.7107, 0.8023,
1.0444

■ 0.0000, 0.0000,
0.0000

■ 66.0639, 70.5112,
79.9401

■ 66.0639, 70.5112,
79.9401

■ 58.5092, 64.2945,
79.1394

■ 74.5684, 77.3075,
80.8048

■ 51.8615, 58.6285,
78.3961

■ 83.4596, 84.3880,
81.7028

■ 46.0836, 53.4952,
77.7098

■ 85.2008, 87.8704,
82.2832

■ 41.1332, 48.8717,
77.0783

■ 87.0017, 91.4721,
82.8835

■ 36.9644, 44.7334,
76.4993

■ 88.8628, 95.1944,
83.5039

■ 33.5265, 41.0533,
75.9701

■ 90.3195, 98.1078,
83.9894

■ 30.7624, 37.8009,
75.4881

■ 28.6061, 34.9413,
75.0497

■ 26.9768, 32.4316,
74.6512

Harmonies

Analogous

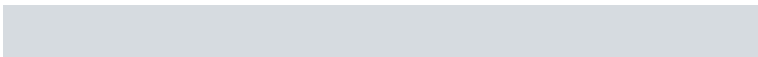
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.6521, 70.5112, 78.1130



66.0639, 70.5112, 79.9401



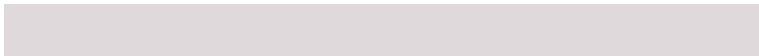
66.7335, 70.5112, 80.9257

Triad

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



66.0639, 70.5112, 79.9401



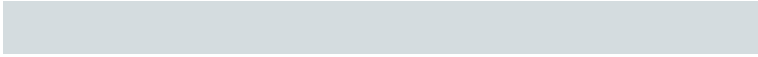
68.4529, 70.5112, 77.5959



66.5553, 70.5112, 72.9007

Complementary

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



66.0639, 70.5112, 79.9401



66.6157, 69.0417, 72.1039

Split Complementary

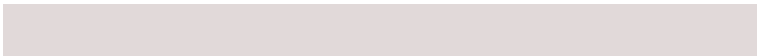
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.3049, 70.5112, 72.7681



66.0639, 70.5112, 79.9401



68.4043, 70.5112, 75.4518

Square

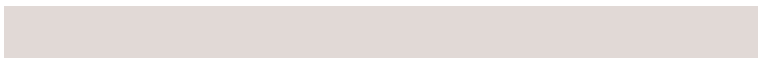
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.0639, 70.5112, 79.9401



68.1151, 70.5112, 79.5554



67.9828, 70.5112, 73.6940



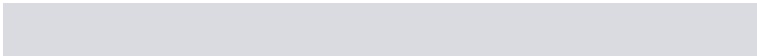
65.9343, 70.5112, 74.0596

Rectangle

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



66.0639, 70.5112, 79.9401



67.2376, 70.5112, 80.9608



67.9828, 70.5112, 73.6940



66.8004, 70.5112, 72.7354

Sweetspot

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



66.0659, 70.5142, 79.9417



93.8969, 99.0772, 108.7827



65.7974, 71.6764, 74.6133



20.1100, 21.2163, 23.2852



0.0000, 0.0000, 0.0000



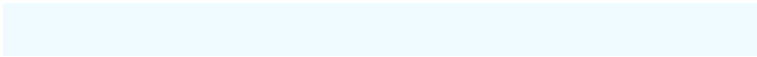
20.3446, 21.4041, 23.3091

Same Dimension

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



66.0659, 70.5142, 79.9417



88.3282, 94.5824, 108.2086



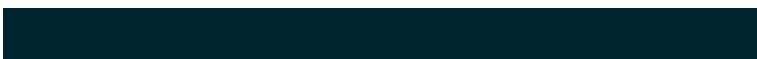
64.6620, 67.7064, 79.4737



14.2674, 15.3030, 17.5895



15.5534, 18.5763, 43.8142



1.1513, 1.4341, 3.0614

Inverse Universe

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



66.8948, 67.9436, 77.3024



89.6980, 90.3581, 103.8414



68.0233, 71.8568, 72.5731



14.5106, 14.5554, 16.8138



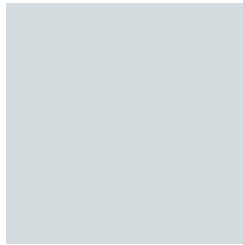
21.7908, 10.7833, 21.3620



1.5474, 0.7622, 1.6754

Previews

White Background



This preview shows how the XYZ color 66.0639, 70.5112, 79.9401 looks on a white background.

Color Contrast Check

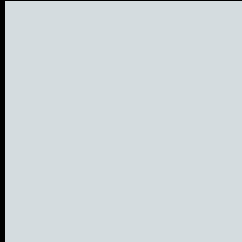
Large Text (above 18pt) WCAG AA × Fail

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 66.0639, 70.5112, 79.9401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

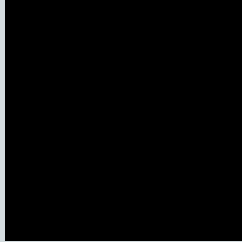
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

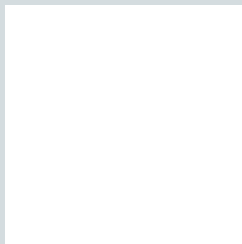
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0639, 70.5112, 79.9401

Background



This preview shows how black text looks on a background with the XYZ color 66.0639, 70.5112, 79.9401.

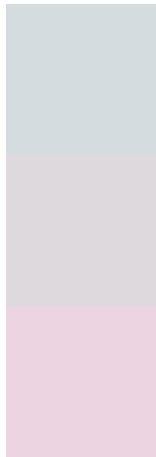


This preview shows how white text looks on a background with the XYZ color 66.0639, 70.5112,

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

66.0639, 70.5112, 79.9401

Protanopia

67.6828, 70.2183, 78.3928

Deuteranopia

72.0591, 70.5277, 81.0495



Tritanopia

67.7984, 70.4371, 88.6196

Trichromacy



Original Color

66.0639, 70.5112, 79.9401

Protanomaly

67.1697, 70.3222, 79.1406

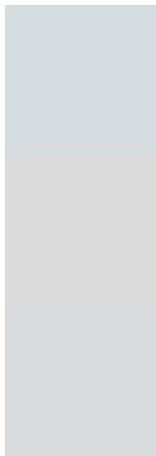
Deuteranomaly

69.7499, 70.4767, 80.4482

Tritanomaly

67.1959, 70.5787, 85.6828

Monochromacy



Original Color

66.0639, 70.5112, 79.9401

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.5687, 70.4293, 77.7958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0639, 70.5112, 79.9401 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, 220, 223) looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 220, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 220, 223) }
```

Border

The CSS property to change the border of an element to XYZ 66.0639, 70.5112, 79.9401 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, 220, 223) }
```


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

```
.border{ border-color:rgb(212, 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(212, 220, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 220, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 220, 223);  
box-shadow:4px 4px 4px 4px rgb(212, 220,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0639, 70.5112, 79.9401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 220, 223) }
```

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

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