

Converting Colors

XYZ(64.0712, 67.6211, 75.9965)

Have a look what the booklet for
XYZ(64.0712, 67.6211, 75.9965)
contains.

XYZ(64.1067, 67.6599, 76.0105)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.1067, 67.6599,
76.0105)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D7DA
RGB	212, 215, 218
RGB Percent	83%, 84%, 85%
CMY	0.1686, 0.1568, 0.1451
CMYK	0.03, 0.01, 0.00, 0.15
HSL	210°, 8%, 84%
HSV	210°, 3%, 85%
XYZ	64.1067, 67.6599, 76.0105
YIQ	214.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

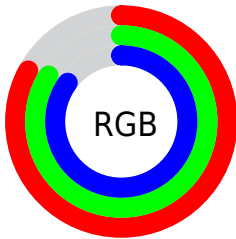
Format	Color
R _Y B	212, 214, 218
Decimal	13948890
CIE Lab	85.84, -0.46, -1.84
CIE LCh	86, 1.897, 255.961
Yxy	67.6599, 0.3085, 0.3256
Android (android.graphics.Color)	4292138970 (0xFFD4D7DA)
YUV	214.4450, 1.7526, -2.1443
Hunter-Lab	82.2556, -4.8317, 2.7905

Details

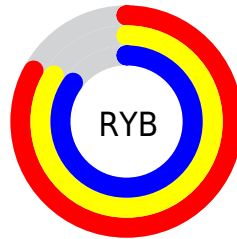
The XYZ color **64.1067, 67.6599, 76.0105** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0976, 68.2590, 72.0326**, and the grayscale version is **64.2078, 67.5516, 73.5637**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.0863, 34.9541, 39.6533** is the 20% darker color. If you saturate the color by 10%, you get **55.5616, 59.2771, 74.8439**, and if you desaturate by 10%, it is **73.6886, 76.8548, 77.2813**.

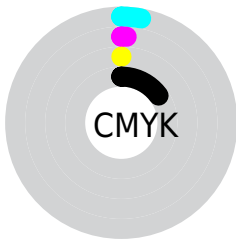
Distribution



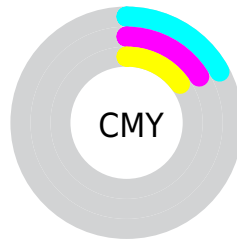
- Red (83%)
- Green (84%)
- Blue (85%)



- Red (83%)
- Yellow (84%)
- Blue (85%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1067, 67.6599, 76.0105 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 64.1067, 67.6599, 76.0105 by changing the saturation by 10% instead.

■ 64.1067, 67.6599,
76.0105

■ 64.1067, 67.6599,
76.0105

429.1710,
452.2901, 500.7314

■ 46.9991, 49.6211,
55.9344

109.8375,
115.8655, 129.5020

■ 33.2429, 35.1124,
39.7467

139.1913,
146.8010, 163.7544

■ 22.4727, 23.7495,
27.0288

173.3580,
182.8043, 203.5694

■ 14.3232, 15.1479,
17.3622

212.7029,
224.2597, 249.3655

■ 8.4290, 8.9233,
10.3284

257.5912,
271.5515, 301.5612

■ 4.4248, 4.6912,
5.5088

308.3885,

■ 1.9451, 2.0672,

325.0643, 360.5751

2.4849

365.4599,
385.1824, 426.8256

■ 0.6029, 0.6461,
0.8321

■ 0.0000, 0.0000,
0.0000

■ 64.1067, 67.6599,
76.0105

■ 64.1067, 67.6599,
76.0105

■ 55.5616, 59.2771,
74.8439

■ 73.6886, 76.8548,
77.2813

■ 48.0103, 51.6734,
73.7742

■ 84.1152, 86.7623,
78.6441

■ 41.4149, 44.8255,
72.8000

■ 87.3597, 93.2513,
79.7256

■ 35.7331, 38.7062,
71.9183

■ 89.6551, 97.8420,
80.4907

■ 30.9187, 33.2857,
71.1258

■ 26.9217, 28.5323,
70.4190

■ 23.6859, 24.4108,
69.7940

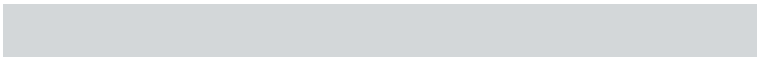
■ 21.1473, 20.8816,
69.2466

■ 19.2294, 17.8986,
68.7719

Harmonies

Analogous

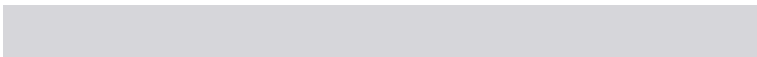
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.7310, 67.6599, 75.3997



64.1067, 67.6599, 76.0105



64.5382, 67.6599, 75.9893

Triad

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



64.1067, 67.6599, 76.0105



65.1135, 67.6599, 73.0156



63.7113, 67.6599, 72.0230

Complementary

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



64.1067, 67.6599, 76.0105



65.0976, 68.2590, 72.0326

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.



64.0798, 67.6599, 71.3986



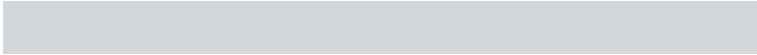
64.1067, 67.6599, 76.0105



64.8899, 67.6599, 71.9673

Square

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



64.1067, 67.6599, 76.0105



65.1208, 67.6599, 74.2508



64.5111, 67.6599, 71.3783



63.5034, 67.6599, 73.0925

Rectangle

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



64.1067, 67.6599, 76.0105



64.7995, 67.6599, 75.6194



64.5111, 67.6599, 71.3783



63.8204, 67.6599, 71.7546

Sweetspot

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



64.1086, 67.6628, 76.0120



93.7131, 98.7097, 108.7214



64.4767, 69.0421, 74.1518



20.0726, 21.1416, 23.2727



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

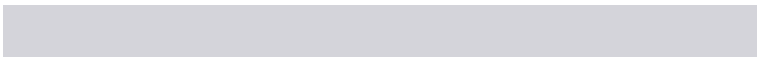
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.1086, 67.6628, 76.0120



91.0847, 96.1645, 108.3687



63.3758, 66.1970, 75.7677



13.9580, 14.7489, 16.7633



10.9741, 9.8176, 41.0550



0.7971, 0.8084, 2.6885

Inverse Universe

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



64.7241, 66.8999, 73.7951



92.0488, 94.9722, 104.8953



65.8436, 69.7509, 72.2813



14.1435, 14.5208, 16.0944



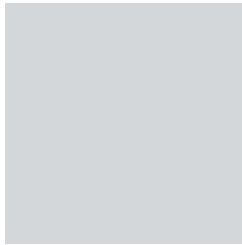
19.0345, 9.6149, 9.8279



1.2766, 0.6403, 0.8658

Previews

White Background



This preview shows how the XYZ color 64.1067, 67.6599, 76.0105 looks on a white background.

Color Contrast Check

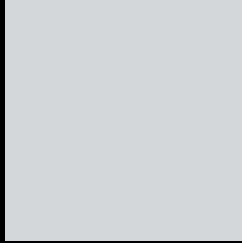
Large Text (above 18pt) WCAG AA × Fail

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 64.1067, 67.6599, 76.0105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

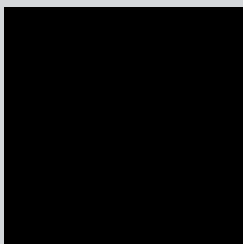
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

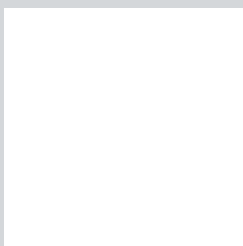
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.1067, 67.6599, 76.0105

Background



This preview shows how black text looks on a background with the XYZ color 64.1067, 67.6599, 76.0105.

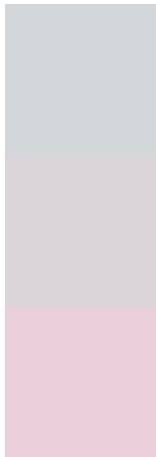


This preview shows how white text looks on a background with the XYZ color 64.1067, 67.6599,

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

64.1067, 67.6599, 76.0105

Protanopia

64.9339, 67.3500, 75.2231

Deuteranopia

68.9463, 67.5499, 76.4224



Tritanopia

65.8087, 67.5978, 84.4421

Trichromacy



Original Color

64.1067, 67.6599, 76.0105

Protanomaly

64.5953, 67.5500, 75.2796

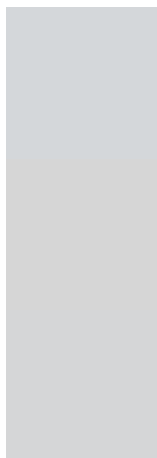
Deuteranomaly

67.1318, 67.7106, 76.5491

Tritanomaly

65.2146, 67.7303, 81.5876

Monochromacy



Original Color

64.1067, 67.6599, 76.0105

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.7529, 67.1456, 73.8902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1067, 67.6599, 76.0105 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, 215, 218) looks like.

```
.text, #text, p{  
    color:rgb(212, 215, 218)  
}
```

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, 215, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 215, 218) }
```

Border

The CSS property to change the border of an element to XYZ 64.1067, 67.6599, 76.0105 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, 215, 218) }
```


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

```
.border{ border-color:rgb(212, 215, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 215, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 215, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 215, 218);  
box-shadow:4px 4px 4px 4px rgb(212, 215,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1067, 67.6599, 76.0105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 215, 218) }
```

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

```
.background{ background-color: rgb(212,  
215, 218) }
```

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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