

Converting Colors

XYZ(65.6691, 68.4972, 78.1548)

Have a look what the booklet for
XYZ(65.6691, 68.4972, 78.1548)
contains.

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Color

**XYZ(65.6705, 68.4203,
78.1518)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D7DD
RGB	216, 215, 221
RGB Percent	85%, 84%, 87%
CMY	0.1529, 0.1568, 0.1333
CMYK	0.02, 0.03, 0.00, 0.13
HSL	250°, 8%, 85%
HSV	250°, 3%, 87%
XYZ	65.6705, 68.4203, 78.1518
YIQ	215.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

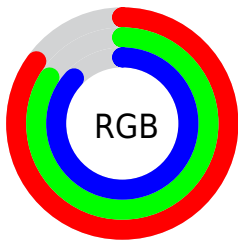
Format	Color
R _Y B	216, 215, 221
Decimal	14211037
CIE Lab	86.22, 1.44, -2.84
CIE LCh	86, 3.179, 296.901
Yxy	68.4203, 0.3094, 0.3224
Android (android.graphics.Color)	4292401117 (0xFFD8D7DD)
YUV	215.9830, 2.4734, 0.0149
Hunter-Lab	82.7166, -3.0389, 1.8835

Details

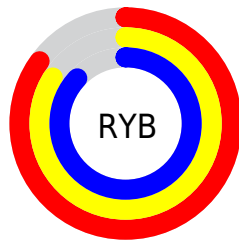
The XYZ color **65.6705, 68.4203, 78.1518** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6400, 71.8366, 74.5943**, and the grayscale version is **65.2447, 68.6425, 74.7517**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1517, 35.4719, 41.1232** is the 20% darker color. If you saturate the color by 10%, you get **55.2768, 55.2664, 76.1617**, and if you desaturate by 10%, it is **77.4389, 83.4151, 80.4269**.

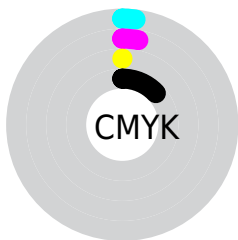
Distribution



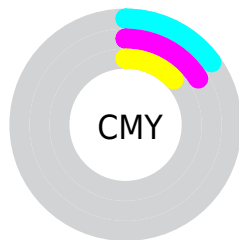
- Red (85%)
- Green (84%)
- Blue (87%)



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



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6705, 68.4203, 78.1518 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 65.6705, 68.4203, 78.1518 by changing the saturation by 10% instead.

■ 65.6705, 68.4203,
78.1518

■ 65.6705, 68.4203,
78.1518

434.7048,
454.9837, 508.2238

■ 48.2717, 50.2397,
57.6815

112.0736,
116.9532, 132.5519

■ 34.2542, 35.6039,
41.1396

141.8087,
148.0744, 167.3188

■ 23.2528, 24.1285,
28.1077

176.3865,
184.2778, 207.6883

■ 14.9020, 15.4289,
18.1671

216.1724,
225.9480, 254.0789

■ 8.8365, 9.1210,
10.8993

261.5319,
273.4693, 306.9093

■ 4.6909, 4.8202,
5.8859

312.8302,

■ 2.1000, 2.1421,

327.2261, 366.5978

2.7081

370.4327,
387.6027, 433.5631

■ 0.6892, 0.6882,
0.9475

■ 0.0000, 0.0000,
0.0000

■ 65.6705, 68.4203,
78.1518

■ 65.6705, 68.4203,
78.1518

■ 55.2768, 55.2664,
76.1617

■ 77.4389, 83.4151,
80.4269

■ 46.2015, 43.8738,
74.4410

■ 89.2674, 97.5964,
82.5407

■ 38.3933, 34.1699,
72.9795

■ 90.0513, 98.0005,
82.5774

■ 31.7949, 26.0738,
71.7646

■ 26.3449, 19.4979,
70.7825

■ 21.9761, 14.3459,
70.0184

■ 18.6143, 10.5108,
69.4553

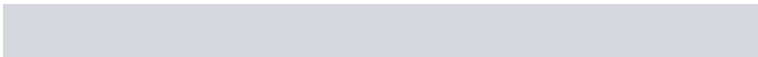
■ 16.1754, 7.8697,
69.0741

■ 14.5610, 6.2761,
68.8516

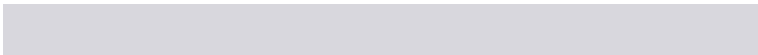
Harmonies

Analogous

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



64.9554, 68.4203, 78.5970



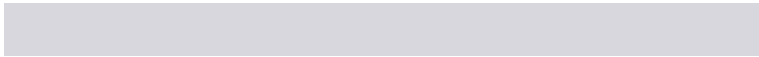
65.6705, 68.4203, 78.1518



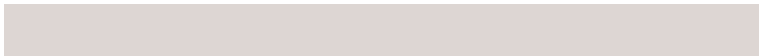
66.2180, 68.4203, 76.7216

Triad

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



65.6705, 68.4203, 78.1518



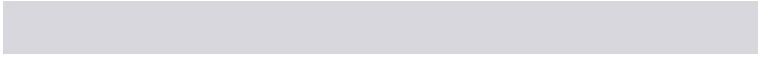
65.8033, 68.4203, 71.1712



63.6358, 68.4203, 74.2804

Complementary

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



65.6705, 68.4203, 78.1518



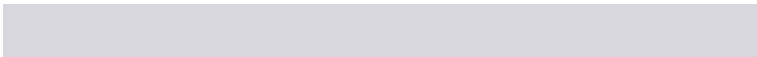
67.6400, 71.8366, 74.5943

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.



63.8592, 68.4203, 72.3180



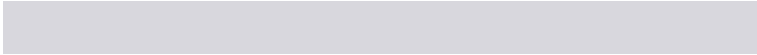
65.6705, 68.4203, 78.1518



65.1076, 68.4203, 70.5442

Square

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



65.6705, 68.4203, 78.1518



66.2950, 68.4203, 72.6887



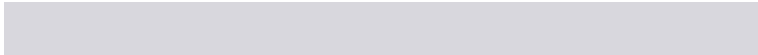
64.3965, 68.4203, 70.9600



63.7840, 68.4203, 76.3373

Rectangle

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



65.6705, 68.4203, 78.1518



66.4123, 68.4203, 75.4155



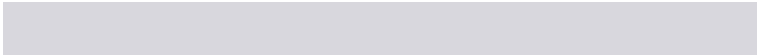
64.3965, 68.4203, 70.9600



63.6699, 68.4203, 73.5881

Sweetspot

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



65.6725, 68.4232, 78.1533



93.4639, 97.9827, 108.5942



66.6972, 70.9083, 78.5790



20.0219, 20.9936, 23.2469



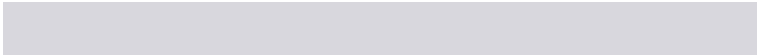
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



65.6725, 68.4232, 78.1533



90.3499, 94.0260, 107.9946



66.5373, 68.8690, 78.1938



13.8170, 14.3389, 16.6916



8.0830, 3.2911, 39.9476



0.5866, 0.2457, 2.5909

Inverse Universe

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



67.0399, 69.1435, 77.5263



92.4539, 95.1342, 107.0283



66.7694, 71.3879, 74.5536



14.2215, 14.5520, 16.5050



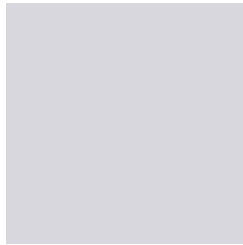
22.4012, 10.9615, 27.5565



1.4765, 0.7202, 1.9181

Previews

White Background



This preview shows how the XYZ color 65.6705, 68.4203, 78.1518 looks on a white background.

Color Contrast Check

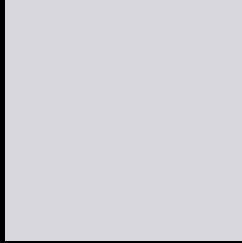
Large Text (above 18pt) WCAG AA × Fail

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 65.6705, 68.4203, 78.1518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

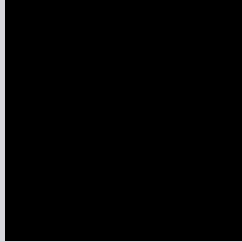
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

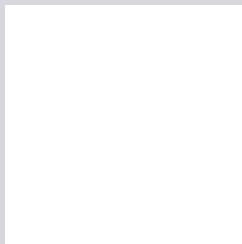
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.6705, 68.4203, 78.1518

Background



This preview shows how black text looks on a background with the XYZ color 65.6705, 68.4203, 78.1518.

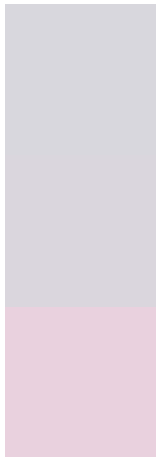


This preview shows how white text looks on a background with the XYZ color 65.6705, 68.4203,

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

65.6705, 68.4203, 78.1518

Protanopia

66.0112, 68.2190, 78.0950

Deuteranopia

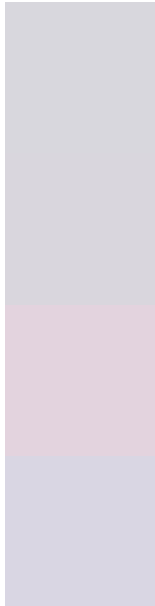
69.5896, 68.1985, 78.6031



Tritanopia

66.9448, 68.5580, 84.5676

Trichromacy



Original Color

65.6705, 68.4203, 78.1518

Protanomaly

65.7130, 68.0653, 78.0811

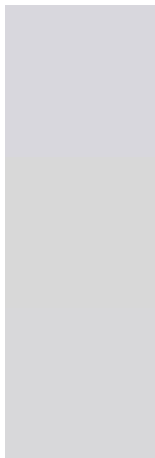
Deuteranomaly

68.1576, 68.1934, 78.6776

Tritanomaly

66.5270, 68.3909, 82.3675

Monochromacy



Original Color

65.6705, 68.4203, 78.1518

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.5297, 68.7726, 76.1503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6705, 68.4203, 78.1518 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(216, 215, 221) looks like.

```
.text, #text, p{  
    color:rgb(216, 215, 221)  
}
```

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(216, 215, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 215, 221) }
```

Border

The CSS property to change the border of an element to XYZ 65.6705, 68.4203, 78.1518 is called "border". The border property can be set on classes, ids or directly on the HTML element.

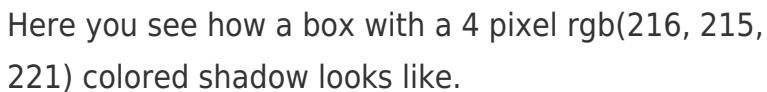
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 215, 221) }
```


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

```
.border{ border-color:rgb(216, 215, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 215, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 215, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 215, 221); box-shadow:4px 4px 4px 4px rgb(216, 215, 221) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6705, 68.4203, 78.1518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 215, 221) }
```

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

```
.background{ background-color: rgb(216,  
215, 221) }
```

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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