

Converting Colors

XYZ(65.0986, 67.7889, 76.2803)

Have a look what the booklet for
XYZ(65.0986, 67.7889, 76.2803)
contains.

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Color

**XYZ(65.0204, 67.7540,
75.9806)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D6DA
RGB	216, 214, 218
RGB Percent	85%, 84%, 85%
CMY	0.1529, 0.1608, 0.1451
CMYK	0.01, 0.02, 0.00, 0.15
HSL	270°, 5%, 85%
HSV	270°, 2%, 85%
XYZ	65.0204, 67.7540, 75.9806
YIQ	215.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

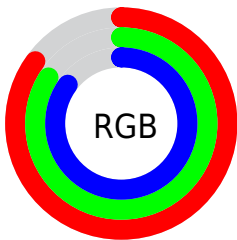
Format	Color
R _Y B	216, 214, 218
Decimal	14210778
CIE Lab	85.88, 1.41, -1.74
CIE LCh	86, 2.236, 309.094
Yxy	67.7540, 0.3115, 0.3246
Android (android.graphics.Color)	4292400858 (0xFFD8D6DA)
YUV	215.0540, 1.4524, 0.8296
Hunter-Lab	82.3128, -3.0470, 2.8901

Details

The XYZ color **65.0204, 67.7540, 75.9806** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5304, 69.5986, 73.6018**, and the grayscale version is **64.6201, 67.9853, 74.0360**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7069, 35.0177, 39.6329** is the 20% darker color. If you saturate the color by 10%, you get **56.7522, 55.8437, 74.1185**, and if you desaturate by 10%, it is **74.2448, 81.2572, 78.1018**.

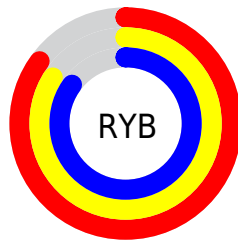
Distribution



Red (85%)

Green (84%)

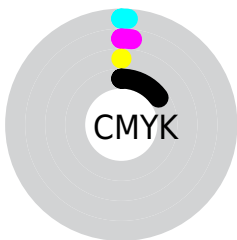
Blue (85%)



Red (85%)

Yellow (84%)

Blue (85%)

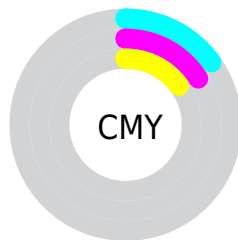


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0204, 67.7540, 75.9806 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 65.0204, 67.7540, 75.9806 by changing the saturation by 10% instead.

■ 65.0204, 67.7540,
75.9806

■ 65.0204, 67.7540,
75.9806

432.4093,
452.6239, 500.6264

■ 47.7424, 49.6976,
55.9100

111.1447,
116.0002, 129.4593

■ 33.8333, 35.1732,
39.7273

140.7218,
146.9587, 163.7046

■ 22.9279, 23.7963,
27.0138

175.1292,
182.9868, 203.5118

■ 14.6607, 15.1826,
17.3511

214.7323,
224.4688, 249.2995

■ 8.6663, 8.9476,
10.3205

259.8965,
271.7891, 301.4863

■ 4.5795, 4.7070,
5.5036

310.9872,

■ 2.0349, 2.0764,

325.3322, 360.4907

2.4818

368.3697,
385.4823, 426.7312

■ 0.6535, 0.6513,
0.8305

■ 0.0000, 0.0000,
0.0000

■ 65.0204, 67.7540,
75.9806

■ 65.0204, 67.7540,
75.9806

■ 56.7522, 55.8437,
74.1185

■ 74.2448, 81.2572,
78.1018

■ 49.4012, 45.4571,
72.5011

■ 83.6144, 94.7280,
80.2081

■ 42.9340, 36.5330,
71.1194

■ 87.3853, 96.6719,
80.3846

■ 37.3129, 29.0024,
69.9622

■ 89.6551, 97.8420,
80.4908

■ 32.4973, 22.7907,
69.0170

■ 28.4428, 17.8160,
68.2705

■ 25.1000, 13.9870,
67.7076

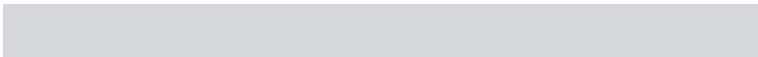
■ 22.4130, 11.1991,
67.3111

■ 20.3152, 9.3274,
67.0604

Harmonies

Analogous

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



64.5537, 67.7540, 76.5893



65.0204, 67.7540, 75.9806



65.3214, 67.7540, 74.7824

Triad

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



65.0204, 67.7540, 75.9806



64.7498, 67.7540, 71.1722



63.4318, 67.7540, 74.2187

Complementary

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



65.0204, 67.7540, 75.9806



65.5304, 69.5986, 73.6018

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.



63.4836, 67.7540, 72.7719



65.0204, 67.7540, 75.9806



64.2428, 67.7540, 71.0258

Square

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



65.0204, 67.7540, 75.9806



65.1646, 67.7540, 72.0104



63.7799, 67.7540, 71.6078



63.6377, 67.7540, 75.5633

Rectangle

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



65.0204, 67.7540, 75.9806



65.3867, 67.7540, 73.8172



63.7799, 67.7540, 71.6078



63.4196, 67.7540, 73.7280

Sweetspot

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



65.0223, 67.7569, 75.9821



93.7740, 98.1426, 108.6087



64.9619, 68.5065, 76.1299



20.0850, 21.0261, 23.2498



0.0000, 0.0000, 0.0000



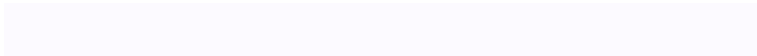
20.3446, 21.4041, 23.3091

Same Dimension

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



65.0223, 67.7569, 75.9821



92.5118, 96.3083, 108.3212



65.5969, 68.0531, 76.0090



14.3527, 14.9520, 16.7817



11.4776, 5.0411, 40.1065



0.8430, 0.3778, 2.6029

Inverse Universe

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



65.3571, 67.9595, 74.6419



93.0370, 96.6261, 106.2186



64.9625, 69.3058, 73.5752



14.4288, 14.9981, 16.4770



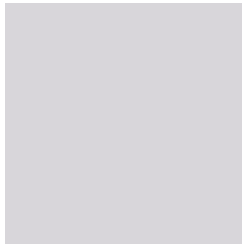
19.0331, 9.6143, 9.8203



1.2766, 0.6403, 0.8653

Previews

White Background



This preview shows how the XYZ color 65.0204, 67.7540, 75.9806 looks on a white background.

Color Contrast Check

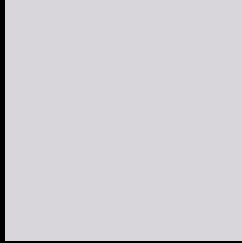
Large Text (above 18pt) WCAG AA × Fail

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 65.0204, 67.7540, 75.9806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

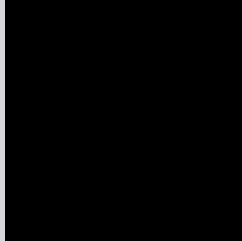
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

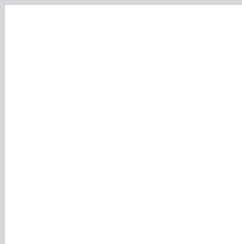
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0204, 67.7540, 75.9806

Background



This preview shows how black text looks on a background with the XYZ color 65.0204, 67.7540, 75.9806.

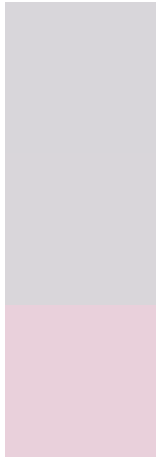


This preview shows how white text looks on a background with the XYZ color 65.0204, 67.7540,

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

65.0204, 67.7540, 75.9806

Protanopia

65.3167, 67.9068, 75.9944

Deuteranopia

68.9463, 67.5499, 76.4224



Tritanopia

66.5998, 67.6495, 83.6762

Trichromacy



Original Color

65.0204, 67.7540, 75.9806

Protanomaly

65.3167, 67.9068, 75.9944

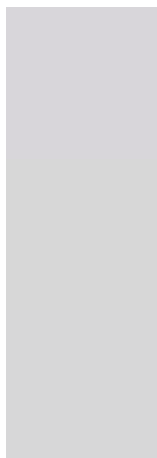
Deuteranomaly

67.5113, 67.5386, 76.4958

Tritanomaly

66.0001, 67.7765, 80.8377

Monochromacy



Original Color

65.0204, 67.7540, 75.9806

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.7194, 68.0058, 74.6811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0204, 67.7540, 75.9806 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, 214, 218) looks like.

```
.text, #text, p{  
    color:rgb(216, 214, 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(216, 214, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 214, 218) }
```

Border

The CSS property to change the border of an element to XYZ 65.0204, 67.7540, 75.9806 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, 214, 218) }
```


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

```
.border{ border-color:rgb(216, 214, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 214, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 214, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 214, 218);  
box-shadow:4px 4px 4px 4px rgb(216, 214,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0204, 67.7540, 75.9806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 214, 218) }
```

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

```
.background{ background-color: rgb(216,  
214, 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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