

Converting Colors

XYZ(65.1375, 67.7002, 76.5484)

Have a look what the booklet for
XYZ(65.1375, 67.7002, 76.5484)
contains.

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Color

**XYZ(65.1517, 67.8065,
76.6719)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D6DB
RGB	216, 214, 219
RGB Percent	85%, 84%, 86%
CMY	0.1529, 0.1608, 0.1412
CMYK	0.01, 0.02, 0.00, 0.14
HSL	264°, 6%, 85%
HSV	264°, 2%, 86%
XYZ	65.1517, 67.8065, 76.6719
YIQ	215.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

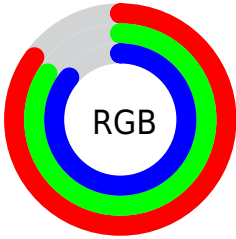
Format	Color
R _Y B	216, 214, 219
Decimal	14210779
CIE Lab	85.91, 1.59, -2.23
CIE LCh	86, 2.737, 305.583
Yxy	67.8065, 0.3108, 0.3235
Android (android.graphics.Color)	4292400859 (0xFFD8D6DB)
YUV	215.1680, 1.8892, 0.7297
Hunter-Lab	82.3447, -2.8728, 2.4358

Details

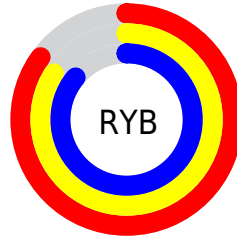
The XYZ color **65.1517, 67.8065, 76.6719** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0868, 70.2715, 73.7023**, and the grayscale version is **64.6946, 68.0637, 74.1214**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7969, 35.0537, 40.1067** is the 20% darker color. If you saturate the color by 10%, you get **56.2479, 55.5359, 74.7737**, and if you desaturate by 10%, it is **75.1153, 81.7334, 78.8360**.

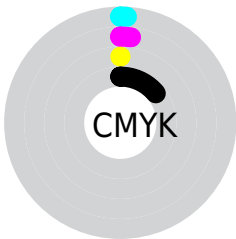
Distribution



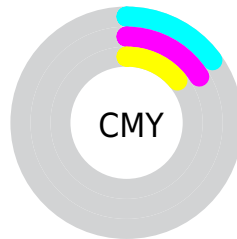
- Red (85%)
- Green (84%)
- Blue (86%)



- Red (85%)
- Yellow (84%)
- Blue (86%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (15%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1517, 67.8065, 76.6719 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 65.1517, 67.8065, 76.6719 by changing the saturation by 10% instead.

■ 65.1517, 67.8065,
76.6719

■ 65.1517, 67.8065,
76.6719

432.8735,
452.8101, 503.0526

■ 47.8493, 49.7403,
56.4737

111.3324,
116.0753, 130.4450

■ 33.9183, 35.2071,
40.1763

140.9414,
147.0467, 164.8570

■ 22.9934, 23.8225,
27.3612

175.3833,
183.0886, 204.8439

■ 14.7093, 15.2020,
17.6098

215.0234,
224.5855, 250.8244

■ 8.7006, 8.9613,
10.5037

260.2271,
271.9217, 303.2170

■ 4.6020, 4.7159,
5.6242

311.3598,

■ 2.0480, 2.0816,

325.4816, 362.4402

2.5529

368.7868,
385.6496, 428.9125

■ 0.6607, 0.6542,
0.8680

■ 0.0000, 0.0000,
0.0000

■ 65.1517, 67.8065,
76.6719

■ 65.1517, 67.8065,
76.6719

■ 56.2479, 55.5359,
74.7737

■ 75.1153, 81.7334,
78.8360

■ 48.3615, 44.8502,
73.1268

■ 85.2664, 95.5644,
80.9706

■ 41.4552, 35.6854,
71.7219

■ 89.7864, 97.8945,
81.1821

■ 35.4876, 27.9699,
70.5471

■ 30.4138, 21.6261,
69.5901

■ 26.1849, 16.5688,
68.8368

■ 22.7469, 12.7032,
68.2719

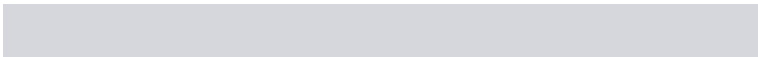
■ 20.0384, 9.9206,
67.8775

■ 17.9871, 8.0910,
67.6325

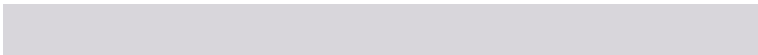
Harmonies

Analogous

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



64.5653, 67.8065, 77.3177



65.1517, 67.8065, 76.6719



65.5514, 67.8065, 75.2654

Triad

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



65.1517, 67.8065, 76.6719



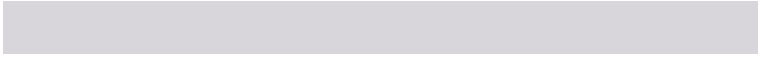
64.9474, 67.8065, 70.7320



63.2563, 67.8065, 74.1660

Complementary

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



65.1517, 67.8065, 76.6719



66.0868, 70.2715, 73.7023

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.



63.3571, 67.8065, 72.4124



65.1517, 67.8065, 76.6719



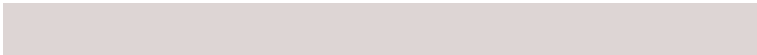
64.3309, 67.8065, 70.4483

Square

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



65.1517, 67.8065, 76.6719



65.4329, 67.8065, 71.8400



63.7495, 67.8065, 71.0587



63.4731, 67.8065, 75.8559

Rectangle

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



65.1517, 67.8065, 76.6719



65.6569, 67.8065, 74.0959



63.7495, 67.8065, 71.0587



63.2542, 67.8065, 73.5643

Sweetspot

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



65.1536, 67.8094, 76.6734



93.6809, 98.0946, 108.6044



65.3544, 69.0816, 76.9083



20.0660, 21.0164, 23.2489



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.



65.1536, 67.8094, 76.6734



90.9884, 94.3551, 108.0245



65.8730, 68.1802, 76.7070



13.9394, 14.4020, 16.6973



10.0572, 4.3088, 40.0400



0.7471, 0.3284, 2.5985

Inverse Universe

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



65.7867, 68.1659, 75.3388



92.1695, 95.0204, 105.5307



65.3736, 69.9038, 73.6689



14.1667, 14.5301, 16.2166



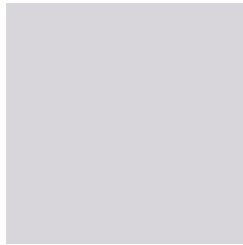
19.8260, 9.9314, 13.9954



1.3265, 0.6603, 1.1285

Previews

White Background



This preview shows how the XYZ color 65.1517, 67.8065, 76.6719 looks on a white background.

Color Contrast Check

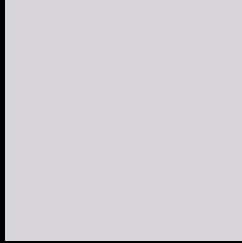
Large Text (above 18pt) WCAG AA × Fail

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 65.1517, 67.8065, 76.6719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

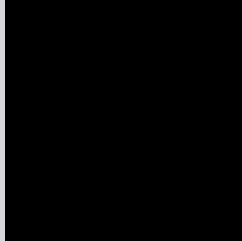
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

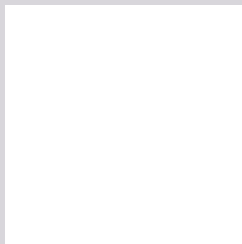
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1517, 67.8065, 76.6719

Background



This preview shows how black text looks on a background with the XYZ color 65.1517, 67.8065, 76.6719.

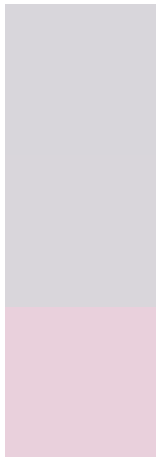


This preview shows how white text looks on a background with the XYZ color 65.1517, 67.8065,

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

65.1517, 67.8065, 76.6719

Protanopia

65.4480, 67.9593, 76.6858

Deuteranopia

69.0784, 67.6027, 77.1179



Tritanopia

66.5998, 67.6495, 83.6762

Trichromacy



Original Color

65.1517, 67.8065, 76.6719

Protanomaly

65.4480, 67.9593, 76.6858

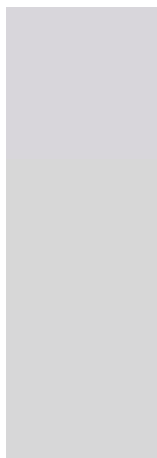
Deuteranomaly

67.6434, 67.5914, 77.1914

Tritanomaly

66.0001, 67.7765, 80.8377

Monochromacy



Original Color

65.1517, 67.8065, 76.6719

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 65.1517, 67.8065, 76.6719 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, 219) looks like.

```
.text, #text, p{  
    color:rgb(216, 214, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 214, 219) }
```

Border

The CSS property to change the border of an element to XYZ 65.1517, 67.8065, 76.6719 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, 219) }
```


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

```
.border{ border-color:rgb(216, 214, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 214, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 214, 219);  
box-shadow:4px 4px 4px 4px rgb(216, 214,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1517, 67.8065, 76.6719 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, 219) }
```

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

```
.background{ background-color: rgb(216,  
214, 219) }
```

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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