

Converting Colors

XYZ(65.5900, 66.5417, 80.1262)

Have a look what the booklet for
XYZ(65.5900, 66.5417, 80.1262)
contains.

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Color

**XYZ(65.4146, 66.3804,
79.8860)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD2E0
RGB	218, 210, 224
RGB Percent	85%, 82%, 88%
CMY	0.1451, 0.1765, 0.1216
CMYK	0.03, 0.06, 0.00, 0.12
HSL	274°, 18%, 85%
HSV	274°, 6%, 88%
XYZ	65.4146, 66.3804, 79.8860
YIQ	213.9880, 0.2740, 6.0500

Conversions

Conversions Part 2

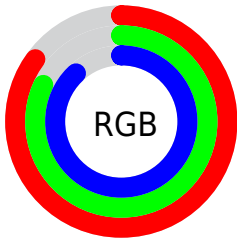
Format	Color
R _Y B	218, 210, 224
Decimal	14340832
CIE Lab	85.19, 5.29, -5.92
CIE LCh	85, 7.936, 311.768
Yxy	66.3804, 0.3090, 0.3136
Android (android.graphics.Color)	4292530912 (0xFFDAD2E0)
YUV	213.9880, 4.9359, 3.5185
Hunter-Lab	81.4742, 0.7356, -1.1023

Details

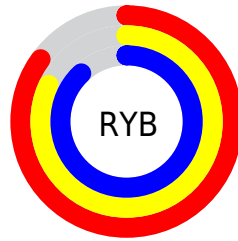
The XYZ color **65.4146, 66.3804, 79.8860** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6098, 72.5651, 71.4718**, and the grayscale version is **63.8778, 67.2044, 73.1856**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1542, 34.4280, 42.3813** is the 20% darker color. If you saturate the color by 10%, you get **57.4786, 54.6476, 78.0406**, and if you desaturate by 10%, it is **74.2949, 79.7527, 82.0001**.

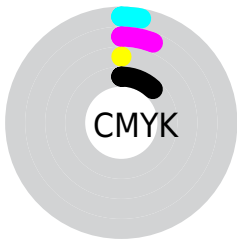
Distribution



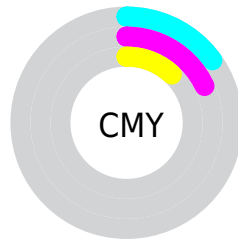
- Red (85%)
- Green (82%)
- Blue (88%)



- Red (85%)
- Yellow (82%)
- Blue (88%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (15%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4146, 66.3804, 79.8860 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 65.4146, 66.3804, 79.8860 by changing the saturation by 10% instead.

65.4146, 66.3804,
79.8860

65.4146, 66.3804,
79.8860

433.8021,
447.7361, 514.2452

48.0633, 48.5813,
59.0989

111.7081,
114.0321, 135.0154

34.0885, 34.2874,
42.2722

141.3810,
144.6535, 170.1948

23.1248, 23.1145,
28.9873

175.8918,
180.3178, 211.0087

14.8069, 14.6781,
18.8258

215.6059,
221.4093, 257.8757

8.7694, 8.5938,
11.3689

260.8886,
268.3125, 311.2143

4.6470, 4.4772,
6.1983

312.1053,

2.0743, 1.9439,

321.4118, 371.4431

2.8953

369.6214,
381.0915, 438.9805

■ 0.6752, 0.5746,
1.0414

■ 0.0000, 0.0000,
0.0000

■ 65.4146, 66.3804,
79.8860

■ 65.4146, 66.3804,
79.8860

■ 57.4786, 54.6476,
78.0406

■ 74.2949, 79.7527,
82.0001

■ 50.4464, 44.4805,
76.4488

■ 84.1465, 94.8177,
84.3887

■ 44.2827, 35.8120,
75.1005

■ 87.5048, 96.6411,
84.5636

■ 38.9479, 28.5669,
73.9832

■ 90.4547, 98.1619,
84.7017

■ 34.3986, 22.6632,
73.0834

■ 30.5872, 18.0102,
72.3862

■ 27.4603, 14.5057,
71.8746

■ 24.9557, 12.0307,
71.5289

■ 22.9967, 10.4363,
71.3244

Harmonies

Analogous

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



63.7976, 66.3804, 82.3695



65.4146, 66.3804, 79.8860



66.4205, 66.3804, 75.4070

Triad

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



65.4146, 66.3804, 79.8860



64.1762, 66.3804, 63.3077



59.7807, 66.3804, 74.3073

Complementary

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



65.4146, 66.3804, 79.8860



66.6098, 72.5651, 71.4718

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.



59.8777, 66.3804, 69.2347



65.4146, 66.3804, 79.8860



62.3928, 66.3804, 63.0445

Square

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



65.4146, 66.3804, 79.8860



65.6963, 66.3804, 65.9039



60.8262, 66.3804, 65.1671



60.5586, 66.3804, 79.0482

Rectangle

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



65.4146, 66.3804, 79.8860



66.5979, 66.3804, 71.9731



60.8262, 66.3804, 65.1671



59.7124, 66.3804, 72.5817

Sweetspot

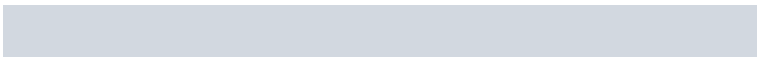
The Sweet Spot groups the original color and five complimentary colors.



65.4165, 66.3832, 79.8874



92.6448, 96.3768, 108.3274



64.6083, 68.2319, 80.2869



19.8550, 20.6666, 23.1925



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.



65.4165, 66.3832, 79.8874



86.8584, 87.7128, 106.9601



67.1172, 67.2746, 79.3082



14.0356, 14.1297, 17.3752



13.1456, 5.8721, 41.4889



1.0131, 0.4595, 2.8805

Inverse Universe

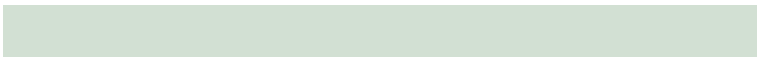
The Inverse Universe completely reimagines the original color for something new.



66.1840, 66.9013, 74.3939



88.0188, 88.4957, 98.6698



64.9859, 71.7145, 72.0045



14.2377, 14.2660, 15.9329



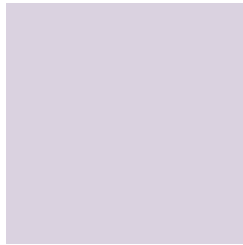
19.1777, 9.7381, 7.6016



1.3735, 0.6927, 0.7596

Previews

White Background



This preview shows how the XYZ color 65.4146, 66.3804, 79.8860 looks on a white background.

Color Contrast Check

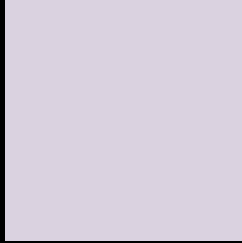
Large Text (above 18pt) WCAG AA × Fail

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 65.4146, 66.3804, 79.8860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

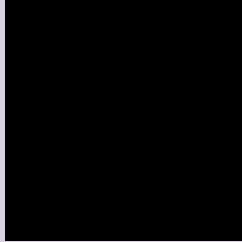
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

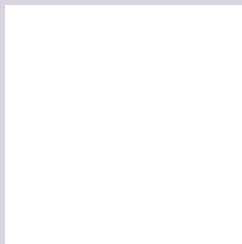
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4146, 66.3804, 79.8860

Background



This preview shows how black text looks on a background with the XYZ color 65.4146, 66.3804, 79.8860.



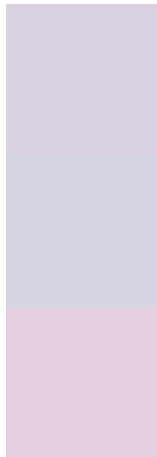
This preview shows how white text looks on a background with the XYZ color 65.4146, 66.3804,

79.8860.

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

65.4146, 66.3804, 79.8860

Protanopia

64.5747, 66.6693, 80.6992

Deuteranopia

67.8983, 66.5559, 80.5021



Tritanopia

65.6875, 66.4896, 81.3232

Trichromacy



Original Color

65.4146, 66.3804, 79.8860

Protanomaly

64.9092, 66.4718, 80.6434

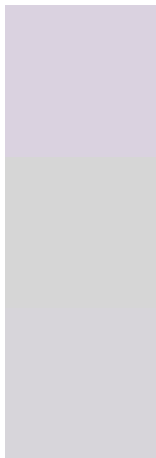
Deuteranomaly

66.8870, 66.3953, 80.5244

Tritanomaly

65.5506, 66.4349, 80.6025

Monochromacy



Original Color

65.4146, 66.3804, 79.8860

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.4735, 67.0975, 75.8827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4146, 66.3804, 79.8860 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(218, 210, 224) looks like.

```
.text, #text, p{  
    color:rgb(218, 210, 224)  
}
```

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(218, 210, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 210, 224) }
```

Border

The CSS property to change the border of an element to XYZ 65.4146, 66.3804, 79.8860 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(218, 210, 224) }
```


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

```
.border{ border-color:rgb(218, 210, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 210, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 210, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 210, 224);  
box-shadow:4px 4px 4px 4px rgb(218, 210,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4146, 66.3804, 79.8860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 210, 224) }
```

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

```
.background{ background-color: rgb(218,  
210, 224) }
```

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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