

Converting Colors

XYZ(68.2553, 69.8552, 80.4080)

Have a look what the booklet for
XYZ(68.2553, 69.8552, 80.4080)
contains.

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Color

**XYZ(68.1864, 69.6707,
80.3750)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD7E0
RGB	223, 215, 224
RGB Percent	87%, 84%, 88%
CMY	0.1255, 0.1568, 0.1216
CMYK	0.00, 0.04, 0.00, 0.12
HSL	293°, 13%, 86%
HSV	293°, 4%, 88%
XYZ	68.1864, 69.6707, 80.3750
YIQ	218.4180, 1.8790, 4.4950

Conversions

Conversions Part 2

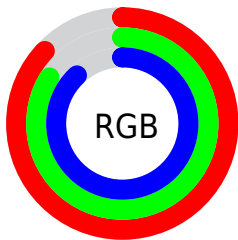
Format	Color
R _Y B	223, 215, 224
Decimal	14669792
CIE Lab	86.84, 4.34, -3.45
CIE LCh	87, 5.548, 321.547
Yxy	69.6707, 0.3124, 0.3193
Android (android.graphics.Color)	4292859872 (0xFFDFD7E0)
YUV	218.4180, 2.7519, 4.0184
Hunter-Lab	83.4690, -0.2528, 1.3360

Details

The XYZ color **68.1864, 69.6707, 80.3750** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2430, 72.8184, 74.8049**, and the grayscale version is **66.9115, 70.3961, 76.6613**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.8807, 36.3310, 42.6576** is the 20% darker color. If you saturate the color by 10%, you get **62.1077, 58.6430, 78.5679**, and if you desaturate by 10%, it is **75.0613, 82.2720, 82.4460**.

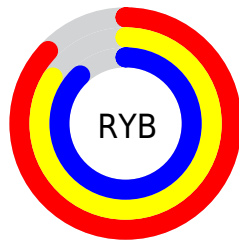
Distribution



Red (87%)

Green (84%)

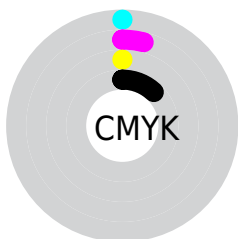
Blue (88%)



Red (87%)

Yellow (84%)

Blue (88%)

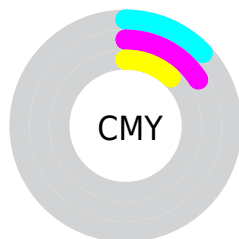


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (12%)



Cyan (13%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.1864, 69.6707, 80.3750 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 68.1864, 69.6707, 80.3750 by changing the saturation by 10% instead.

■ 68.1864, 69.6707,
80.3750

■ 68.1864, 69.6707,
80.3750

443.5225,
459.3929, 515.9358

■ 50.3236, 51.2581,
59.4990

115.6592,
118.7390, 135.7090

■ 35.8895, 36.4141,
42.5923

145.9999,
150.1636, 171.0041

■ 24.5185, 24.7542,
29.2363

181.2307,
186.6942, 211.9426

■ 15.8455, 15.8940,
19.0126

221.7169,
228.7154, 258.9431

■ 9.5051, 9.4492,
11.5024

267.8238,
276.6114, 312.4241

■ 5.1318, 5.0353,
6.2875

319.9168,

■ 2.3603, 2.2680,

330.7668, 372.8042

2.9490

378.3613,
391.5658, 440.5019

■ 0.8253, 0.7567,
1.0687

■ 0.0000, 0.0000,
0.0000

■ 68.1864, 69.6707,
80.3750

■ 68.1864, 69.6707,
80.3750

■ 62.1077, 58.6430,
78.5679

■ 75.0613, 82.2720,
82.4460

■ 56.7876, 49.1169,
77.0095

■ 81.2039, 93.3929,
84.2688

■ 52.1945, 41.0281,
75.6903

■ 81.9996, 93.8031,
84.3060

■ 48.2920, 34.3040,
74.5981

■ 82.8067, 94.2192,
84.3438

45.0407, 28.8659,
73.7198

83.6253, 94.6412,
84.3821

42.3972, 24.6267,
73.0409

84.4554, 95.0691,
84.4210

40.3124, 21.4890,
72.5451

85.2971, 95.5030,
84.4604

38.7300, 19.3395,
72.2137

86.1504, 95.9429,
84.5003

37.5810, 18.0408,
72.0236

87.0153, 96.3888,
84.5408

Harmonies

Analogous

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



67.1374, 69.6707, 82.6781



68.1864, 69.6707, 80.3750



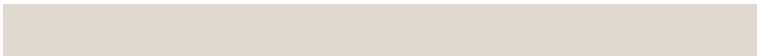
68.7101, 69.6707, 76.9112

Triad

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



68.1864, 69.6707, 80.3750



66.5861, 69.6707, 69.0311



63.9339, 69.6707, 78.5052

Complementary

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



68.1864, 69.6707, 80.3750



67.2430, 72.8184, 74.8049

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.



63.7906, 69.6707, 74.8175



68.1864, 69.6707, 80.3750



65.3108, 69.6707, 69.4266

Square

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



68.1864, 69.6707, 80.3750



67.7784, 69.6707, 70.4181



64.2916, 69.6707, 71.5165



64.6855, 69.6707, 81.5744

Rectangle

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



68.1864, 69.6707, 80.3750



68.6862, 69.6707, 74.4429



64.2916, 69.6707, 71.5165



63.8133, 69.6707, 77.2940

Sweetspot

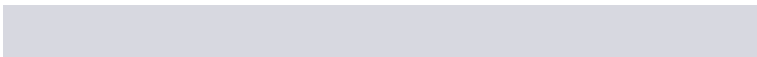
The Sweet Spot groups the original color and five complimentary colors.



68.1884, 69.6737, 80.3765



94.1377, 98.3301, 108.6258



66.0506, 68.9697, 80.3533



20.1590, 21.0643, 23.2533



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.



68.1884, 69.6737, 80.3765



90.5970, 91.8653, 107.5645



68.0344, 69.6478, 77.9523



14.6477, 14.7819, 17.4689



21.6174, 10.2395, 41.8854



1.5418, 0.7321, 2.9053

Inverse Universe

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



67.4381, 69.4093, 74.8124



89.3453, 91.4247, 98.2611



67.3963, 72.8457, 77.1500



14.4197, 14.7017, 15.7725



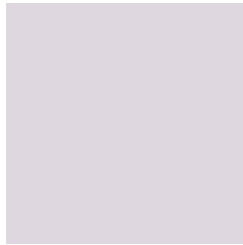
18.0156, 9.2732, 1.4819



1.2698, 0.6512, 0.2134

Previews

White Background



This preview shows how the XYZ color 68.1864, 69.6707, 80.3750 looks on a white background.

Color Contrast Check

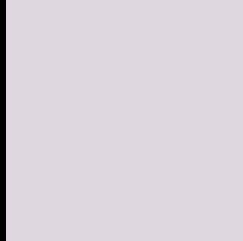
Large Text (above 18pt) WCAG AA × Fail

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 68.1864, 69.6707, 80.3750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

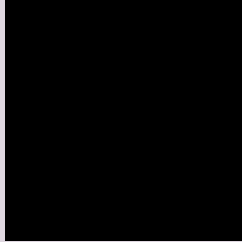
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

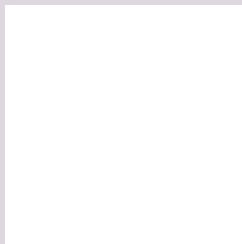
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.1864, 69.6707, 80.3750

Background



This preview shows how black text looks on a background with the XYZ color 68.1864, 69.6707, 80.3750.



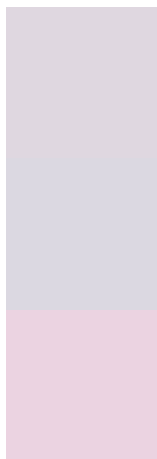
This preview shows how white text looks on a background with the XYZ color 68.1864, 69.6707,

80.3750.

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

68.1864, 69.6707, 80.3750

Protanopia

67.3599, 69.6080, 81.1196

Deuteranopia

71.1458, 69.6869, 80.9353



Tritanopia

69.2108, 69.7099, 85.4089

Trichromacy



Original Color

68.1864, 69.6707, 80.3750

Protanomaly

67.6617, 69.7636, 81.1337

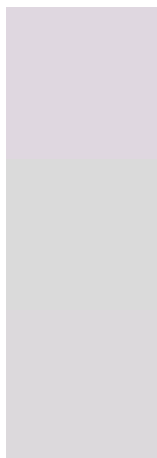
Deuteranomaly

70.0891, 69.5121, 80.9573

Tritanomaly

68.7906, 69.5419, 83.1961

Monochromacy



Original Color

68.1864, 69.6707, 80.3750

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.2463, 70.0087, 77.6789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.1864, 69.6707, 80.3750 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(223, 215, 224) looks like.

```
.text, #text, p{  
    color:rgb(223, 215, 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(223, 215, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 215, 224) }
```

Border

The CSS property to change the border of an element to XYZ 68.1864, 69.6707, 80.3750 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(223, 215, 224) }
```


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

```
.border{ border-color:rgb(223, 215, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 215, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 215, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 215, 224);  
box-shadow:4px 4px 4px 4px rgb(223, 215,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 68.1864, 69.6707, 80.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 215, 224) }
```

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

```
.background{ background-color: rgb(223,  
215, 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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