

Converting Colors

XYZ(68.5182, 68.4476, 81.7953)

Have a look what the booklet for
XYZ(68.5182, 68.4476, 81.7953)
contains.

XYZ(68.3858, 68.2483, 81.5204)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.3858, 68.2483,
81.5204)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D3E2
RGB	226, 211, 226
RGB Percent	89%, 83%, 89%
CMY	0.1137, 0.1725, 0.1137
CMYK	0.00, 0.07, 0.00, 0.11
HSL	300°, 21%, 86%
HSV	300°, 7%, 89%
XYZ	68.3858, 68.2483, 81.5204
YIQ	217.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

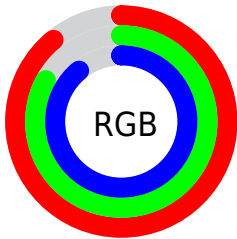
Format	Color
R _{YB}	226, 211, 226
Decimal	14865378
CIE Lab	86.13, 7.82, -5.52
CIE LCh	86, 9.570, 324.777
Yxy	68.2483, 0.3135, 0.3128
Android (android.graphics.Color)	4293055458 (0xFFE2D3E2)
YUV	217.1950, 4.3409, 7.7220
Hunter-Lab	82.6125, 3.1885, -0.6774

Details

The XYZ color **68.3858, 68.2483, 81.5204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8208, 72.9467, 72.2426**, and the grayscale version is **66.0579, 69.4981, 75.6834**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0337, 35.3751, 43.4570** is the 20% darker color. If you saturate the color by 10%, you get **63.1620, 57.7998, 79.7797**, and if you desaturate by 10%, it is **74.4029, 80.2813, 83.5271**.

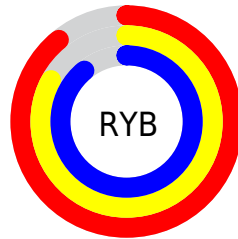
Distribution



Red (89%)

Green (83%)

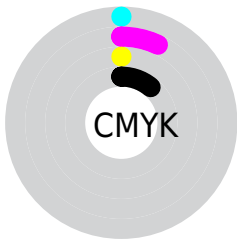
Blue (89%)



Red (89%)

Yellow (83%)

Blue (89%)

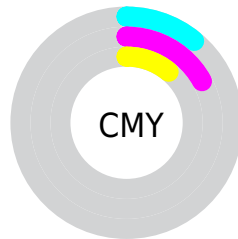


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.3858, 68.2483, 81.5204 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 68.3858, 68.2483, 81.5204 by changing the saturation by 10% instead.

68.3858, 68.2483,
81.5204

68.3858, 68.2483,
81.5204

444.2170,
454.3753, 519.8833

50.4865, 50.0998,
60.4368

115.9428,
116.7073, 137.3319

36.0195, 35.4927,
43.3432

146.3311,
147.7865, 172.8968

24.6194, 24.0426,
29.8211

181.6132,
183.9448, 214.1259

15.9210, 15.3653,
19.4519

222.1544,
225.5665, 261.4378

9.5587, 9.0761,
11.8172

268.3200,
273.0360, 315.2509

5.1674, 4.7909,
6.4983

320.4754,

2.3816, 2.1251,

326.7377, 375.9838

3.0767

378.9860,
387.0560, 444.0551

■ 0.8359, 0.6787,
1.1339

■ 0.0000, 0.0000,
0.0000

■ 68.3858, 68.2483,
81.5204

■ 68.3858, 68.2483,
81.5204

■ 63.1620, 57.7998,
79.7797

■ 74.4029, 80.2813,
83.5271

■ 58.6929, 48.8616,
78.2898

■ 80.8523, 93.1801,
85.6772

■ 54.9453, 41.3665,
77.0404

■ 80.8523, 93.1801,
85.6774

■ 51.8814, 35.2389,
76.0189

■ 80.8524, 93.1801,
85.6776

49.4601, 30.3962,
75.2115

80.8524, 93.1802,
85.6779

47.6355, 26.7471,
74.6031

80.8525, 93.1802,
85.6781

46.3561, 24.1883,
74.1764

80.8525, 93.1802,
85.6784

45.5613, 22.5988,
73.9113

80.8526, 93.1802,
85.6786

45.1743, 21.8250,
73.7820

80.8526, 93.1802,
85.6788

Harmonies

Analogous

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



66.6572, 68.2483, 85.8636



68.3858, 68.2483, 81.5204



69.1729, 68.2483, 75.4193

Triad

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



68.3858, 68.2483, 81.5204



65.2539, 68.2483, 62.8860



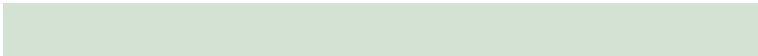
61.1021, 68.2483, 79.5051

Complementary

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



68.3858, 68.2483, 81.5204



65.8208, 72.9467, 72.2426

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.



60.7454, 68.2483, 73.2132



68.3858, 68.2483, 81.5204



63.1110, 68.2483, 63.8437

Square

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



68.3858, 68.2483, 81.5204



67.3388, 68.2483, 64.8458



61.4729, 68.2483, 67.5393



62.4583, 68.2483, 84.6548

Rectangle

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



68.3858, 68.2483, 81.5204



69.0453, 68.2483, 71.2631



61.4729, 68.2483, 67.5393



60.8626, 68.2483, 77.4442

Sweetspot

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



68.3878, 68.2512, 81.5219



93.4445, 96.7891, 108.3648



63.8888, 65.9319, 81.3115



20.0178, 20.7505, 23.2001



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.



68.3878, 68.2512, 81.5219



88.8839, 87.6678, 106.8444



67.3810, 67.8485, 76.2203



14.2951, 13.9357, 17.3241



25.7245, 12.3568, 42.0763



1.7831, 0.8565, 2.9165

Inverse Universe

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



68.3878, 68.2512, 81.5219



88.8839, 87.6678, 106.8444



66.7832, 73.3316, 77.3102



14.2951, 13.9357, 17.3241



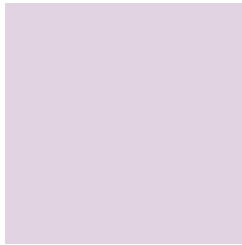
25.7245, 12.3568, 42.0763



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 68.3858, 68.2483, 81.5204 looks on a white background.

Color Contrast Check

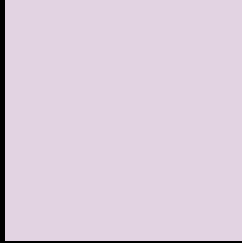
Large Text (above 18pt) WCAG AA × Fail

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 68.3858, 68.2483, 81.5204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

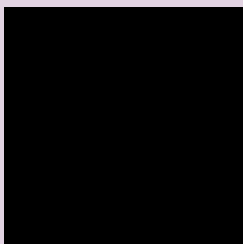
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

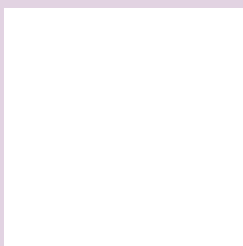
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.3858, 68.2483, 81.5204

Background



This preview shows how black text looks on a background with the XYZ color 68.3858, 68.2483, 81.5204.



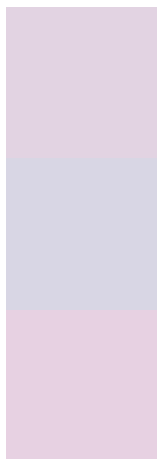
This preview shows how white text looks on a background with the XYZ color 68.3858, 68.2483,

81.5204.

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

68.3858, 68.2483, 81.5204

Protanopia

66.3691, 68.2935, 83.0827

Deuteranopia

69.4829, 68.0808, 81.4303



Tritanopia

68.5234, 68.3033, 82.2453

Trichromacy



Original Color

68.3858, 68.2483, 81.5204

Protanomaly

67.1746, 68.3502, 82.3255

Deuteranomaly

69.0872, 68.2422, 81.4823

Tritanomaly

68.5234, 68.3033, 82.2453

Monochromacy



Original Color

68.3858, 68.2483, 81.5204

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.7339, 68.9838, 77.5081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3858, 68.2483, 81.5204 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(226, 211, 226) looks like.

```
.text, #text, p{  
    color:rgb(226, 211, 226)  
}
```

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(226, 211, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 211, 226) }
```

Border

The CSS property to change the border of an element to XYZ 68.3858, 68.2483, 81.5204 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(226, 211, 226) }
```


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

```
.border{ border-color:rgb(226, 211, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 211, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 211, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 211, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 211,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3858, 68.2483, 81.5204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 211, 226) }
```

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

```
.background{ background-color: rgb(226,  
211, 226) }
```

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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