

Converting Colors

XYZ(58.1782, 58.2839, 66.8741)

Have a look what the booklet for
XYZ(58.1782, 58.2839, 66.8741)
contains.

XYZ(58.2582, 58.3858, 66.5916)	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(58.2582, 58.3858,
66.5916)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C5CE
RGB	212, 197, 206
RGB Percent	83%, 77%, 81%
CMY	0.1686, 0.2274, 0.1922
CMYK	0.00, 0.07, 0.03, 0.17
HSL	324°, 15%, 80%
HSV	324°, 7%, 83%
XYZ	58.2582, 58.3858, 66.5916
YIQ	202.5110, 6.0510, 5.9790

Conversions

Conversions Part 2

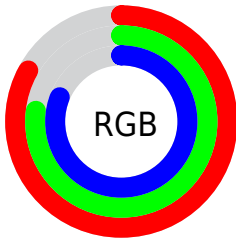
Format	Color
R _Y B	212, 197, 206
Decimal	13944270
CIE Lab	80.95, 6.83, -2.61
CIE LCh	81, 7.307, 339.109
Yxy	58.3858, 0.3179, 0.3186
Android (android.graphics.Color)	4292134350 (0xFFD4C5CE)
YUV	202.5110, 1.7201, 8.3219
Hunter-Lab	76.4106, 2.3763, 1.8164

Details

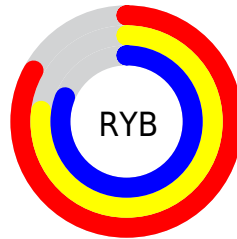
The XYZ color **58.2582, 58.3858, 66.5916** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3511, 63.2706, 65.6927**, and the grayscale version is **56.4466, 59.3862, 64.6716**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **29.3946, 29.0800, 33.7695** is the 20% darker color. If you saturate the color by 10%, you get **52.7765, 49.0265, 59.8174**, and if you desaturate by 10%, it is **64.4758, 69.1263, 73.8869**.

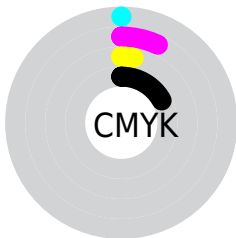
Distribution



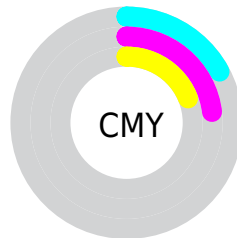
- Red (83%)
- Green (77%)
- Blue (81%)



- Red (83%)
- Yellow (77%)
- Blue (81%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (17%)



- Cyan (17%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2582, 58.3858, 66.5916 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 58.2582, 58.3858, 66.5916 by changing the saturation by 10% instead.

■ 58.2582, 58.3858,
66.5916

■ 58.2582, 58.3858,
66.5916

408.0857,
418.6220, 466.9515

■ 42.2603, 42.1189,
48.2933

101.4196,
102.4845, 115.9701

■ 29.4972, 29.1944,
33.6976

129.3138,
131.0850, 147.8874

■ 19.6034, 19.2279,
22.3859

161.9041,
164.5655, 185.1814

■ 12.2137, 11.8351,
13.9397

199.5560,
203.3105, 228.2707

■ 6.9626, 6.6315,
7.9405

242.6348,
247.7042, 277.5738

■ 3.4849, 3.2327,
3.9696

291.5057,

■ 1.4150, 1.2544,

298.1311, 333.5093

1.6087

346.5343,
354.9755, 396.4957

■ 0.2669, 0.1055,
0.2970

■ 0.0000, 0.0000,
0.0000

■ 58.2582, 58.3858,
66.5916

■ 58.2582, 58.3858,
66.5916

■ 52.7765, 49.0265,
59.8174

■ 64.4758, 69.1263,
73.8869

■ 47.9968, 40.9843,
53.5465

■ 71.4516, 81.2937,
81.7128

■ 43.8897, 34.2013,
47.7656

■ 77.3988, 91.3120,
89.4785

■ 40.4220, 28.6122,
42.4591

■ 78.6294, 91.8043,
95.9587

■ 37.5572, 24.1458,
37.6101

■ 79.9189, 92.3201,
102.7490

■ 35.2553, 20.7234,
33.2006

■ 80.9617, 92.7372,
108.2407

■ 33.4708, 18.2558,
29.2105

■ 32.1510, 16.6390,
25.6173

■ 31.2258, 15.7346,
22.3923

Harmonies

Analogous

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



57.3505, 58.3858, 70.2630



58.2582, 58.3858, 66.5916



58.4181, 58.3858, 62.2615

Triad

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



58.2582, 58.3858, 66.5916



55.0344, 58.3858, 55.6908



53.2657, 58.3858, 68.9773

Complementary

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



58.2582, 58.3858, 66.5916



57.3511, 63.2706, 65.6927

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.



52.6691, 58.3858, 64.9012



58.2582, 58.3858, 66.5916



53.6779, 58.3858, 57.3203

Square

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



58.2582, 58.3858, 66.5916



56.5385, 58.3858, 56.0973



52.8186, 58.3858, 60.6455



54.4624, 58.3858, 71.6833

Rectangle

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



58.2582, 58.3858, 66.5916



58.0763, 58.3858, 59.6023



52.8186, 58.3858, 60.6455



52.9893, 58.3858, 67.7147

Sweetspot

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



58.2599, 58.3883, 66.5929



93.1177, 96.6584, 106.6438



56.4808, 57.3853, 70.3877



19.9513, 20.7239, 22.8499



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.



58.2599, 58.3883, 66.5929



87.5975, 87.1533, 100.0702



57.3705, 58.0326, 61.9095



12.7329, 12.5447, 14.5336



19.1848, 9.6102, 13.5432



1.1975, 0.5958, 1.0295

Inverse Universe

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



58.2599, 58.3883, 66.5929



87.5975, 87.1533, 100.0702



58.2665, 63.6367, 70.5130



12.7329, 12.5447, 14.5336



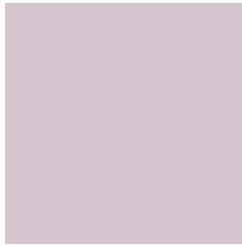
19.1848, 9.6102, 13.5432



1.1975, 0.5958, 1.0295

Previews

White Background



This preview shows how the XYZ color 58.2582, 58.3858, 66.5916 looks on a white background.

Color Contrast Check

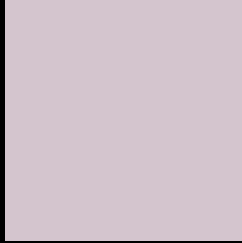
Large Text (above 18pt) WCAG AA × Fail

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 58.2582, 58.3858, 66.5916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

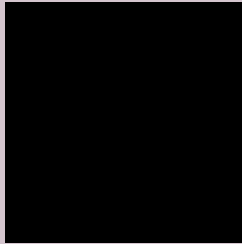
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2582, 58.3858, 66.5916

Background



This preview shows how black text looks on a background with the XYZ color 58.2582, 58.3858, 66.5916.



This preview shows how white text looks on a background with the XYZ color 58.2582, 58.3858,

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

58.2582, 58.3858, 66.5916

Protanopia

56.6680, 58.5591, 67.9908

Deuteranopia

59.5691, 58.3919, 66.5236



Tritanopia

59.0642, 58.3795, 70.4427

Trichromacy



Original Color

58.2582, 58.3858, 66.5916

Protanomaly

57.1395, 58.4737, 67.3065

Deuteranomaly

59.1994, 58.5350, 66.5708

Tritanomaly

58.8134, 58.2791, 69.1220

Monochromacy



Original Color

58.2582, 58.3858, 66.5916

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.2393, 59.2547, 65.5472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2582, 58.3858, 66.5916 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(212, 197, 206) looks like.

```
.text, #text, p{  
    color:rgb(212, 197, 206)  
}
```

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(212, 197, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 197, 206) }
```

Border

The CSS property to change the border of an element to XYZ 58.2582, 58.3858, 66.5916 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(212, 197, 206) }
```


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

```
.border{ border-color:rgb(212, 197, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 197, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 197, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 197, 206);  
box-shadow:4px 4px 4px 4px rgb(212, 197,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2582, 58.3858, 66.5916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 197, 206) }
```

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

```
.background{ background-color: rgb(212,  
197, 206) }
```

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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