

Converting Colors

XYZ(57.5435, 57.8962, 58.1700)

Have a look what the booklet for
XYZ(57.5435, 57.8962, 58.1700)
contains.

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Color

**XYZ(57.5733, 57.8846,
58.0076)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C4C0
RGB	216, 196, 192
RGB Percent	85%, 77%, 75%
CMY	0.1529, 0.2314, 0.2471
CMYK	0.00, 0.09, 0.11, 0.15
HSL	10°, 24%, 80%
HSV	10°, 11%, 85%
XYZ	57.5733, 57.8846, 58.0076
YIQ	201.5240, 13.2040, 2.9960

Conversions

Conversions Part 2

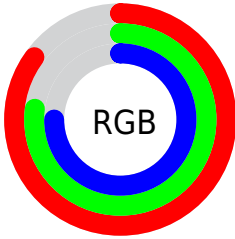
Format	Color
R _Y B	216, 197, 192
Decimal	14206144
CIE Lab	80.67, 6.35, 4.55
CIE LCh	81, 7.814, 35.586
Yxy	57.8846, 0.3319, 0.3337
Android (android.graphics.Color)	4292396224 (0xFFD8C4C0)
YUV	201.5240, -4.6953, 12.6955
Hunter-Lab	76.0819, 1.9325, 8.0525

Details

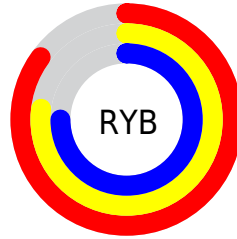
The XYZ color **57.5733, 57.8846, 58.0076** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6762, 63.2501, 74.1351**, and the grayscale version is **55.8665, 58.7759, 64.0070**.

A 20% lighter version of the original color is **93.3086, 98.2879, 102.8605**, and **29.0311, 28.7871, 28.4525** is the 20% darker color. If you saturate the color by 10%, you get **51.5351, 49.3608, 45.0410**, and if you desaturate by 10%, it is **64.4530, 67.5279, 72.9890**.

Distribution



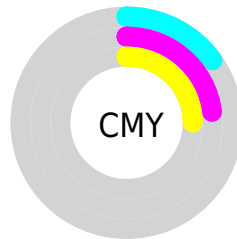
- Red (85%)
- Green (77%)
- Blue (75%)



- Red (85%)
- Yellow (77%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (11%)
- Black (15%)




- Cyan (15%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5733, 57.8846, 58.0076 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 57.5733, 57.8846, 58.0076 by changing the saturation by 10% instead.


 57.5733, 57.8846,
58.0076

 57.5733, 57.8846,
58.0076


405.5736,
416.7558, 434.8133

 41.7076, 41.7159,
41.4000

 100.4278,
101.7548, 103.4488

 29.0625, 28.8789,
28.3097


128.1473,
130.2251, 133.1195

 19.2727, 18.9892,
18.3182


160.5488,
163.5646, 167.9817

 11.9726, 11.6625,
11.0069

197.9976,
202.1579, 208.4539

 6.7971, 6.5143,
5.9572

240.8592,
246.3892, 254.9546

 3.3807, 3.1603,
2.7507

289.4988,

 1.3582, 1.2160,

296.6431, 307.9023

0.9688

344.2818,
353.3038, 367.7157

■ 0.2261, 0.0747,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5733, 57.8846,
58.0076

■ 57.5733, 57.8846,
58.0076

■ 51.5351, 49.3608,
45.0410

■ 64.4530, 67.5279,
72.9890

■ 46.3011, 41.9085,
33.9995

■ 72.1999, 78.3212,
90.0623

■ 41.8384, 35.4873,
24.7921

■ 80.5532, 90.1872,
107.7700

■ 38.1100, 30.0515,
17.3190

■ 82.1292, 93.3391,
108.2953

■ 35.0758, 25.5519,
11.4710

■ 32.6916, 21.9350,
7.1262

■ 30.9080, 19.1418,
4.1453

■ 29.6679, 17.1057,
2.3632

■ 28.9511, 15.8630,
1.5360

Harmonies

Analogous

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



58.1559, 57.8846, 62.1676



57.5733, 57.8846, 58.0076



56.3069, 57.8846, 55.2945

Triad

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



57.5733, 57.8846, 58.0076



52.2470, 57.8846, 59.4331



55.3194, 57.8846, 72.2668

Complementary

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



57.5733, 57.8846, 58.0076



57.6762, 63.2501, 74.1351

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.



53.7481, 57.8846, 71.4477



57.5733, 57.8846, 58.0076



51.9942, 57.8846, 63.8932

Square

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



57.5733, 57.8846, 58.0076



53.2360, 57.8846, 56.0889



52.5386, 57.8846, 68.3268



56.8384, 57.8846, 70.5137

Rectangle

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



57.5733, 57.8846, 58.0076



55.2562, 57.8846, 54.5951



52.5386, 57.8846, 68.3268



54.7797, 57.8846, 72.2841

Sweetspot

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



57.5749, 57.8872, 58.0088



91.8428, 95.5176, 101.8752



59.0530, 57.0525, 70.1879



19.4789, 20.1938, 21.4137



0.0000, 0.0000, 0.0000



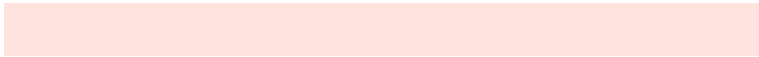
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.5749, 57.8872, 58.0088



81.9780, 81.6724, 80.4455



60.3899, 63.5172, 58.9472



12.5890, 12.7522, 12.9586



17.1892, 9.4956, 0.9269



1.0895, 0.6782, 0.0735

Inverse Universe

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



57.6762, 63.2501, 74.1351



82.1493, 90.7680, 107.7980



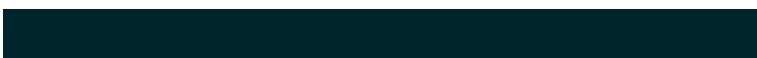
54.7880, 57.4737, 73.1723



12.6077, 13.7387, 15.9249



17.0611, 22.3840, 41.8745



1.0769, 1.4459, 2.5416

Previews

White Background



This preview shows how the XYZ color 57.5733, 57.8846, 58.0076 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 57.5733, 57.8846, 58.0076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

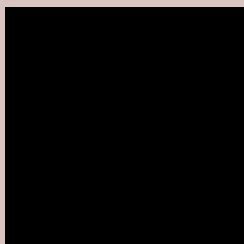
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5733, 57.8846, 58.0076

Background



This preview shows how black text looks on a background with the XYZ color 57.5733, 57.8846, 58.0076.



This preview shows how white text looks on a background with the XYZ color 57.5733, 57.8846,

58.0076.

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

57.5733, 57.8846, 58.0076

Protanopia

55.3379, 57.7210, 59.2636

Deuteranopia

59.2376, 58.0773, 57.9571



Tritanopia

59.4920, 57.6488, 68.3134

Trichromacy



Original Color

57.5733, 57.8846, 58.0076

Protanomaly

56.1142, 57.7937, 58.6498

Deuteranomaly

58.5447, 58.0516, 57.9886

Tritanomaly

58.6866, 57.6471, 64.5338

Monochromacy



Original Color

57.5733, 57.8846, 58.0076

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.5794, 58.6512, 61.7648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5733, 57.8846, 58.0076 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, 196, 192) looks like.

```
.text, #text, p{  
    color:rgb(216, 196, 192)  
}
```

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, 196, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 196, 192) }
```

Border

The CSS property to change the border of an element to XYZ 57.5733, 57.8846, 58.0076 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, 196, 192) }
```


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

```
.border{ border-color:rgb(216, 196, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 196, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 196, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 196, 192);  
box-shadow:4px 4px 4px 4px rgb(216, 196,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5733, 57.8846, 58.0076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 196, 192) }
```

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

```
.background{ background-color: rgb(216,  
196, 192) }
```

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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