

Converting Colors

XYZ(57.9811, 58.1780, 60.1338)

Have a look what the booklet for
XYZ(57.9811, 58.1780, 60.1338)
contains.

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Color

**XYZ(58.0226, 58.0643,
60.3740)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C4C4
RGB	216, 196, 196
RGB Percent	85%, 77%, 77%
CMY	0.1529, 0.2314, 0.2314
CMYK	0.00, 0.09, 0.09, 0.15
HSL	0°, 20%, 81%
HSV	0°, 9%, 85%
XYZ	58.0226, 58.0643, 60.3740
YIQ	201.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

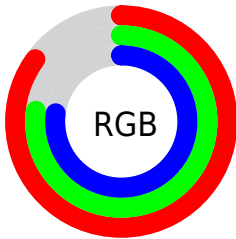
Format	Color
R _Y B	216, 196, 196
Decimal	14206148
CIE Lab	80.77, 7.02, 2.54
CIE LCh	81, 7.468, 19.917
Yxy	58.0643, 0.3288, 0.3290
Android (android.graphics.Color)	4292396228 (0xFFD8C4C4)
YUV	201.9800, -2.9481, 12.2955
Hunter-Lab	76.1999, 2.5693, 6.3639

Details

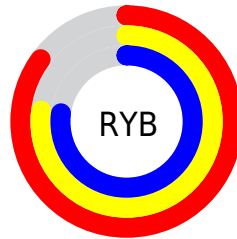
The XYZ color **58.0226, 58.0643, 60.3740** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7152, 65.8041, 74.5204**, and the grayscale version is **56.1405, 59.0642, 64.3209**.

A 20% lighter version of the original color is **94.0949, 98.6024, 107.0013**, and **29.2534, 28.8761, 29.6230** is the 20% darker color. If you saturate the color by 10%, you get **51.2136, 48.1012, 46.8351**, and if you desaturate by 10%, it is **65.8901, 69.5764, 76.0134**.

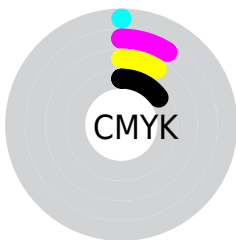
Distribution



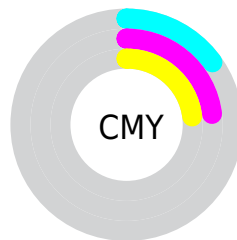
- Red (85%)
- Green (77%)
- Blue (77%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0226, 58.0643, 60.3740 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 58.0226, 58.0643, 60.3740 by changing the saturation by 10% instead.

■ 58.0226, 58.0643,
60.3740

■ 58.0226, 58.0643,
60.3740

407.2226,
417.4255, 443.8178

■ 42.0701, 41.8603,
43.2929

□ 101.0785,
102.0165, 106.9207

■ 29.3476, 28.9920,
29.7819

128.9128,
130.5335, 137.2234

■ 19.4895, 19.0747,
19.4224

161.4383,
163.9237, 172.7703

■ 12.1306, 11.7243,
11.7960

199.0204,
202.5714, 213.9800

■ 6.9055, 6.5562,
6.4841

242.0246,
246.8610, 261.2711

■ 3.4489, 3.1862,
3.0681

290.8161,

■ 1.3954, 1.2297,

297.1770, 315.0621

1.1295

345.7603,
353.9037, 375.7714

■ 0.2529, 0.0857,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0226, 58.0643,
60.3740

■ 58.0226, 58.0643,
60.3740

■ 51.2136, 48.1012,
46.8351

■ 65.8901, 69.5764,
76.0134

■ 45.4132, 39.6138,
35.3037

■ 74.8532, 82.6915,
93.8335

■ 40.5750, 32.5342,
25.6855

■ 82.1291, 93.3391,
108.2953

■ 36.6471, 26.7865,
17.8770

■ 33.5724, 22.2872,
11.7652

■ 31.2878, 18.9439,
7.2239

■ 29.7210, 16.6511,
4.1101

■ 28.7869, 15.2840,
2.2541

■ 28.3457, 14.6382,
1.3774

Harmonies

Analogous

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



58.1587, 58.0643, 64.7202



58.0226, 58.0643, 60.3740



57.1192, 58.0643, 56.9466

Triad

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



58.0226, 58.0643, 60.3740



52.9513, 58.0643, 57.9117



54.6710, 58.0643, 71.9545

Complementary

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



58.0226, 58.0643, 60.3740



59.7152, 65.8041, 74.5204

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.



53.3015, 58.0643, 69.9427



58.0226, 58.0643, 60.3740



52.3210, 58.0643, 61.7474

Square

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



58.0226, 58.0643, 60.3740



54.1847, 58.0643, 55.5715



52.4480, 58.0643, 66.1585



56.2044, 58.0643, 71.5447

Rectangle

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



58.0226, 58.0643, 60.3740



56.2126, 58.0643, 55.5792



52.4480, 58.0643, 66.1585



54.1767, 58.0643, 71.5355

Sweetspot

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



58.0242, 58.0669, 60.3752



91.4509, 94.7337, 101.7446



60.4542, 59.0375, 73.1754



19.3736, 19.9833, 21.3786



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.



58.0242, 58.0669, 60.3752



82.5551, 81.7170, 84.0587



60.3547, 62.7278, 61.1521



12.4235, 12.4212, 12.9034



16.7623, 8.6418, 0.7846



1.0111, 0.5214, 0.0473

Inverse Universe

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



59.7152, 65.8041, 74.5204



85.4711, 95.0594, 108.4512



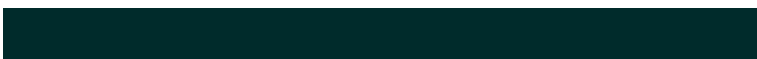
57.2317, 60.8370, 73.6926



12.7920, 14.1075, 15.9863



21.8649, 31.9916, 43.4757



1.3189, 1.9297, 2.6223

Previews

White Background



This preview shows how the XYZ color 58.0226, 58.0643, 60.3740 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 58.0226, 58.0643, 60.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

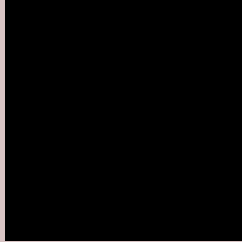
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0226, 58.0643, 60.3740

Background



This preview shows how black text looks on a background with the XYZ color 58.0226, 58.0643, 60.3740.



This preview shows how white text looks on a background with the XYZ color 58.0226, 58.0643,

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

58.0226, 58.0643, 60.3740

Protanopia

56.0242, 58.3649, 61.7388

Deuteranopia

59.0744, 57.9412, 60.2948



Tritanopia

59.7139, 58.0924, 68.3873

Trichromacy



Original Color

58.0226, 58.0643, 60.3740

Protanomaly

56.7960, 58.4334, 61.1086

Deuteranomaly

58.6923, 58.0758, 60.3409

Tritanomaly

59.0295, 58.1416, 65.2380

Monochromacy



Original Color

58.0226, 58.0643, 60.3740

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.8117, 58.7441, 62.9880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0226, 58.0643, 60.3740 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, 196) looks like.

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

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, 196) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 58.0226, 58.0643, 60.3740 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, 196) }
```


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

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

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, 196)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 58.0226, 58.0643, 60.3740 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, 196) }
```

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

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

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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