

Converting Colors

XYZ(58.0042, 60.7499, 63.4112)

Have a look what the booklet for
XYZ(58.0042, 60.7499, 63.4112)
contains.

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Color

**XYZ(58.0306, 60.7658,
63.3140)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CCC8
RGB	208, 204, 200
RGB Percent	82%, 80%, 78%
CMY	0.1843, 0.2000, 0.2157
CMYK	0.00, 0.02, 0.04, 0.18
HSL	30°, 8%, 80%
HSV	30°, 4%, 82%
XYZ	58.0306, 60.7658, 63.3140
YIQ	204.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

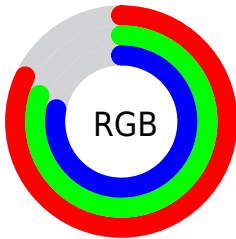
Format	Color
R _Y B	208, 208, 200
Decimal	13683912
CIE Lab	82.25, 0.67, 2.47
CIE LCh	82, 2.557, 74.812
Yxy	60.7658, 0.3187, 0.3337
Android (android.graphics.Color)	4291873992 (0xFFD0CCC8)
YUV	204.7400, -2.3368, 2.8590
Hunter-Lab	77.9524, -3.5349, 6.4106

Details

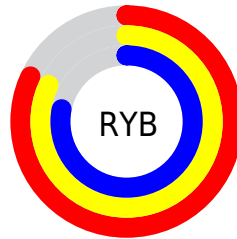
The XYZ color **58.0306, 60.7658, 63.3140** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7973, 60.0181, 68.2663**, and the grayscale version is **57.8774, 60.8915, 66.3108**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.4211, 30.7580, 31.5804** is the 20% darker color. If you saturate the color by 10%, you get **53.3761, 55.0854, 50.5740**, and if you desaturate by 10%, it is **63.1841, 66.9132, 77.8535**.

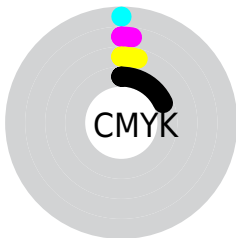
Distribution



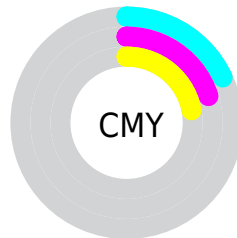
- Red (82%)
- Green (80%)
- Blue (78%)



- Red (82%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0306, 60.7658, 63.3140 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 58.0306, 60.7658, 63.3140 by changing the saturation by 10% instead.

■ 58.0306, 60.7658,
63.3140

■ 58.0306, 60.7658,
63.3140

407.2520,
427.4148, 454.8474

■ 42.0766, 44.0362,
45.6526

101.0901,
105.9398, 111.2123

■ 29.3527, 30.6990,
31.6251

128.9264,
135.1529, 142.2864

■ 19.4934, 20.3697,
20.8129

161.4541,
169.2960, 178.6685

■ 12.1334, 12.6641,
12.7974

199.0386,
208.7535, 220.7770

■ 6.9075, 7.1976,
7.1601

242.0453,
253.9097, 269.0307

■ 3.4501, 3.5860,
3.4825

290.8395,

■ 1.3960, 1.4448,

305.1490, 323.8479

1.3459

345.7866,
362.8559, 385.6473

■ 0.2534, 0.2494,
0.0990

■ 0.0000, 0.0000,
0.0000

■ 58.0306, 60.7658,
63.3140

■ 58.0306, 60.7658,
63.3140

■ 53.3761, 55.0854,
50.5740

■ 63.1841, 66.9132,
77.8535

■ 49.1989, 49.8526,
39.5586

■ 68.8470, 73.5311,
94.2553

■ 45.4834, 45.0577,
30.1934

■ 73.8211, 80.1468,
106.1868

■ 42.2109, 40.6878,
22.3971

■ 76.8862, 86.2769,
107.2085

■ 39.3614, 36.7293,
16.0814

■ 79.8227, 92.1500,
108.1874

■ 36.9130, 33.1676,
11.1492

■ 34.8415, 29.9871,
7.4913

■ 33.1193, 27.1704,
4.9822

■ 31.7138, 24.6980,
3.4697

Harmonies

Analogous

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



58.5014, 60.7658, 64.0744



58.0306, 60.7658, 63.3140



57.4890, 60.7658, 63.3090

Triad

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



58.0306, 60.7658, 63.3140



56.7505, 60.7658, 66.9325



58.4965, 60.7658, 68.3121

Complementary

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



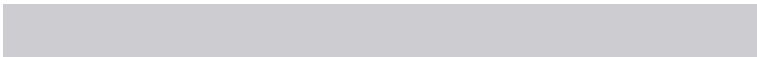
58.0306, 60.7658, 63.3140



56.7973, 60.0181, 68.2663

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.



58.0239, 60.7658, 69.1027



58.0306, 60.7658, 63.3140



57.0170, 60.7658, 68.2978

Square

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



58.0306, 60.7658, 63.3140



56.7523, 60.7658, 65.3817



57.4824, 60.7658, 69.0975



58.7716, 60.7658, 66.9517

Rectangle

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



58.0306, 60.7658, 63.3140



57.1609, 60.7658, 63.7340



57.4824, 60.7658, 69.0975



58.3554, 60.7658, 68.6542

Sweetspot

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



58.0323, 60.7684, 63.3153



94.2371, 99.0268, 106.6171



57.5666, 59.0790, 65.4968



20.1792, 21.2061, 22.8445



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.



58.0323, 60.7684, 63.3153



91.0664, 95.2095, 97.7790



58.9943, 62.6925, 63.6360



12.6849, 13.2516, 13.5132



19.4008, 14.7346, 1.8215



1.1641, 0.9826, 0.1283

Inverse Universe

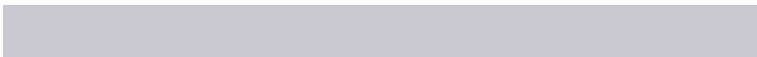
The Inverse Universe completely reimagines the original color for something new.



56.7973, 60.0181, 68.2663



88.5118, 93.6574, 108.0204



55.8597, 58.1429, 67.9538



12.2873, 13.0101, 15.1072



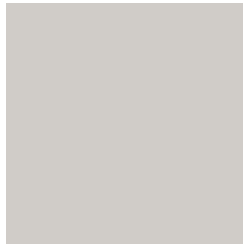
10.2714, 9.1894, 38.4249



0.6537, 0.6725, 2.1749

Previews

White Background



This preview shows how the XYZ color 58.0306, 60.7658, 63.3140 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 58.0306, 60.7658, 63.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

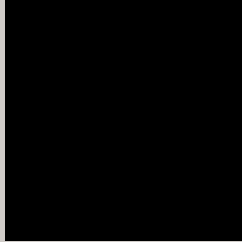
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

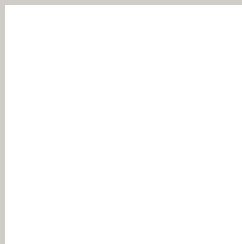
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0306, 60.7658, 63.3140

Background



This preview shows how black text looks on a background with the XYZ color 58.0306, 60.7658, 63.3140.



This preview shows how white text looks on a background with the XYZ color 58.0306, 60.7658,

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

58.0306, 60.7658, 63.3140

Protanopia

58.3127, 60.9112, 63.3272

Deuteranopia

61.7880, 60.6128, 63.7012



Tritanopia

60.2750, 60.6319, 74.1719

Trichromacy



Original Color

58.0306, 60.7658, 63.3140

Protanomaly

58.3127, 60.9112, 63.3272

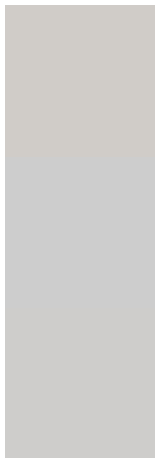
Deuteranomaly

60.4103, 60.5857, 63.7686

Tritanomaly

59.4567, 60.6458, 70.2001

Monochromacy



Original Color

58.0306, 60.7658, 63.3140

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.0644, 61.0963, 65.2323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0306, 60.7658, 63.3140 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(208, 204, 200) looks like.

```
.text, #text, p{  
    color:rgb(208, 204, 200)  
}
```

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(208, 204, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 204, 200) }
```

Border

The CSS property to change the border of an element to XYZ 58.0306, 60.7658, 63.3140 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(208, 204, 200) }
```


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

```
.border{ border-color:rgb(208, 204, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 204, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 204, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 204, 200);  
box-shadow:4px 4px 4px 4px rgb(208, 204,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0306, 60.7658, 63.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 204, 200) }
```

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

```
.background{ background-color: rgb(208,  
204, 200) }
```

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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