

Converting Colors

XYZ(57.3166, 59.4301, 63.3408)

Have a look what the booklet for
XYZ(57.3166, 59.4301, 63.3408)
contains.

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Color

**XYZ(57.3244, 59.3533,
63.0786)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C9C8
RGB	208, 201, 200
RGB Percent	82%, 79%, 78%
CMY	0.1843, 0.2117, 0.2157
CMYK	0.00, 0.03, 0.04, 0.18
HSL	8°, 8%, 80%
HSV	8°, 4%, 82%
XYZ	57.3244, 59.3533, 63.0786
YIQ	202.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

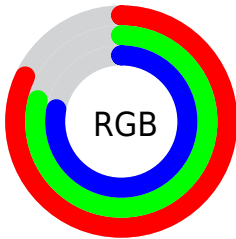
Format	Color
R _Y B	208, 201, 200
Decimal	13683144
CIE Lab	81.49, 2.25, 1.35
CIE LCh	81, 2.625, 31.008
Yxy	59.3533, 0.3189, 0.3302
Android (android.graphics.Color)	4291873224 (0xFFD0C9C8)
YUV	202.9790, -1.4686, 4.4034
Hunter-Lab	77.0411, -2.0044, 5.3842

Details

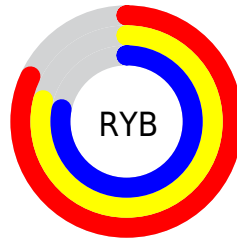
The XYZ color **57.3244, 59.3533, 63.0786** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5174, 61.4582, 68.5065**, and the grayscale version is **56.7599, 59.7159, 65.0306**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.9485, 29.8128, 31.4228** is the 20% darker color. If you saturate the color by 10%, you get **51.0650, 50.4632, 49.8036**, and if you desaturate by 10%, it is **64.4201, 69.3853, 78.2655**.

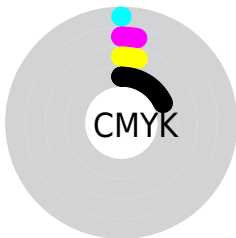
Distribution



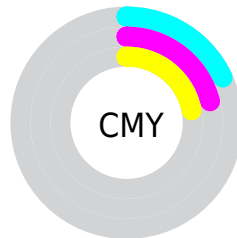
- Red (82%)
- Green (79%)
- Blue (78%)



- Red (82%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3244, 59.3533, 63.0786 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 57.3244, 59.3533, 63.0786 by changing the saturation by 10% instead.

■ 57.3244, 59.3533,
63.0786

■ 57.3244, 59.3533,
63.0786

404.6583,
422.2099, 453.9705

■ 41.5069, 42.8976,
45.4634

100.0670,
103.8910, 110.8696

■ 28.9048, 29.8048,
31.4770

127.7228,
132.7417, 141.8824

■ 19.1527, 19.6905,
20.7008

160.0555,
166.4930, 178.1982

■ 11.8854, 12.1702,
12.7164

197.4303,
205.5290, 220.2355

■ 6.7373, 6.8597,
7.1051

240.2126,
250.2344, 268.4128

■ 3.3432, 3.3745,
3.4485

288.7678,

■ 1.3378, 1.3302,

300.9934, 323.1488

1.3279

343.4613,
358.1904, 384.8618

■ 0.2112, 0.1644,
0.0845

■ 0.0000, 0.0000,
0.0000

■ 57.3244, 59.3533,
63.0786

■ 57.3244, 59.3533,
63.0786

■ 51.0650, 50.4632,
49.8036

■ 64.4201, 69.3853,
78.2655

■ 45.6062, 42.6670,
38.3610

■ 72.3763, 80.5896,
95.4318

■ 40.9170, 35.9248,
28.6712

■ 79.8228, 92.1501,
108.1874

■ 36.9627, 30.1911,
20.6476

■ 33.7055, 25.4174,
14.1961

■ 31.1046, 21.5508,
9.2130

■ 29.1148, 18.5336,
5.5824

■ 27.6848, 16.3013,
3.1706

■ 26.7547, 14.7797,
1.8167

Harmonies

Analogous

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



57.4771, 59.3533, 64.5724



57.3244, 59.3533, 63.0786



56.9274, 59.3533, 62.0137

Triad

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



57.3244, 59.3533, 63.0786



55.4940, 59.3533, 63.1694



56.4321, 59.3533, 67.7001

Complementary

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



57.3244, 59.3533, 63.0786



57.5174, 61.4582, 68.5065

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.



55.9027, 59.3533, 67.3100



57.3244, 59.3533, 63.0786



55.3632, 59.3533, 64.6789

Square

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



57.3244, 59.3533, 63.0786



55.8707, 59.3533, 62.0655



55.5124, 59.3533, 66.1978



56.9598, 59.3533, 67.2553

Rectangle

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



57.3244, 59.3533, 63.0786



56.5789, 59.3533, 61.6814



55.5124, 59.3533, 66.1978



56.2485, 59.3533, 67.6622

Sweetspot

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



57.3261, 59.3559, 63.0799



93.9348, 98.4222, 106.5163



57.9382, 59.2276, 67.4534



20.1177, 21.0830, 22.8240



0.0000, 0.0000, 0.0000



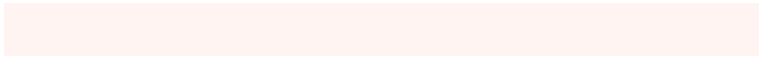
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3261, 59.3559, 63.0799



89.6100, 92.2966, 97.2935



58.2540, 61.2117, 63.3892



12.4586, 12.7990, 13.4378



16.4826, 8.8983, 0.8488



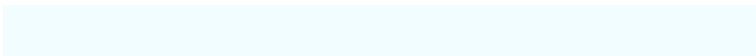
0.9620, 0.5784, 0.0609

Inverse Universe

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



57.5174, 61.4582, 68.5065



90.0057, 96.6453, 108.5183



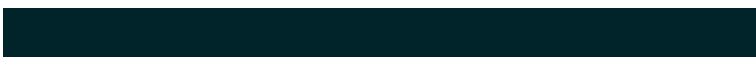
56.5771, 59.5777, 68.1930



12.5202, 13.4758, 15.1849



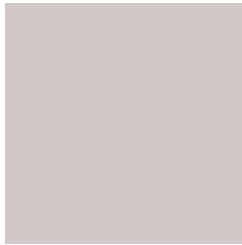
17.5589, 23.7643, 40.8540



1.0180, 1.4013, 2.2964

Previews

White Background



This preview shows how the XYZ color 57.3244, 59.3533, 63.0786 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 57.3244, 59.3533, 63.0786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

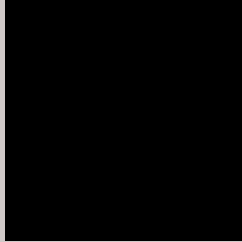
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3244, 59.3533, 63.0786

Background



This preview shows how black text looks on a background with the XYZ color 57.3244, 59.3533, 63.0786.

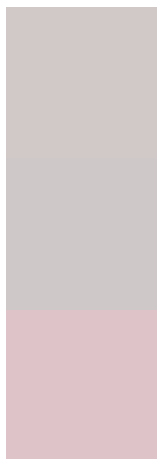


This preview shows how white text looks on a background with the XYZ color 57.3244, 59.3533,

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

57.3244, 59.3533, 63.0786

Protanopia

56.7656, 59.0652, 63.0524

Deuteranopia

60.4067, 59.2265, 63.5064



Tritanopia

59.1394, 59.4035, 71.9674

Trichromacy



Original Color

57.3244, 59.3533, 63.0786

Protanomaly

57.0441, 59.2088, 63.0655

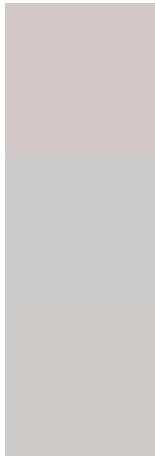
Deuteranomaly

59.3520, 59.3569, 63.5872

Tritanomaly

58.4574, 59.4673, 68.7189

Monochromacy



Original Color

57.3244, 59.3533, 63.0786

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.9580, 59.4845, 64.3568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3244, 59.3533, 63.0786 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, 201, 200) looks like.

```
.text, #text, p{  
    color:rgb(208, 201, 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, 201, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 201, 200) }
```

Border

The CSS property to change the border of an element to XYZ 57.3244, 59.3533, 63.0786 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, 201, 200) }
```


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

```
.border{ border-color:rgb(208, 201, 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, 201, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 201, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 201, 200);  
box-shadow:4px 4px 4px 4px rgb(208, 201,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3244, 59.3533, 63.0786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 201, 200) }
```

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

```
.background{ background-color: rgb(208,  
201, 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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