

Converting Colors

XYZ(57.9371, 57.8404, 66.3123)

Have a look what the booklet for
XYZ(57.9371, 57.8404, 66.3123)
contains.

| | |
|--|----|
| XYZ(58.0319, 57.9331, 66.5161) | 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(58.0319, 57.9331,
66.5161)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D4C4CE |
| RGB | 212, 196, 206 |
| RGB Percent | 83%, 77%, 81% |
| CMY | 0.1686, 0.2314, 0.1922 |
| CMYK | 0.00, 0.08, 0.03, 0.17 |
| HSL | 323°, 16%, 80% |
| HSV | 323°, 8%, 83% |
| XYZ | 58.0319, 57.9331, 66.5161 |
| YIQ | 201.9240, 6.3260, 6.5020 |

Conversions

Conversions Part 2

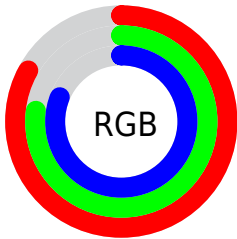
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 212, 196, 206 |
| Decimal | 13944014 |
| CIE Lab | 80.70, 7.36, -2.97 |
| CIE LCh | 81, 7.937, 337.991 |
| Yxy | 57.9331, 0.3180, 0.3175 |
| Android (android.graphics.Color) | 4292134094 (0xFFD4C4CE) |
| YUV | 201.9240, 2.0095, 8.8367 |
| Hunter-Lab | 76.1138, 2.8957, 1.4659 |

Details

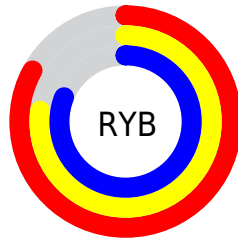
The XYZ color **58.0319, 57.9331, 66.5161** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9713, 63.0886, 65.0548**, and the grayscale version is **56.0781, 58.9986, 64.2494**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **29.2451, 28.7811, 33.7197** is the 20% darker color. If you saturate the color by 10%, you get **52.6425, 48.6607, 60.0739**, and if you desaturate by 10%, it is **64.1492, 68.5814, 73.4435**.

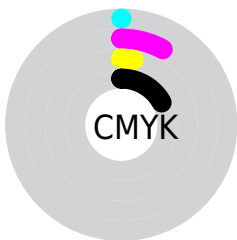
Distribution



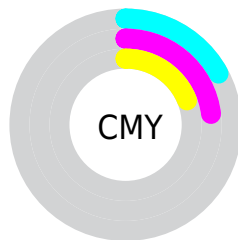
- Red (83%)
- Green (77%)
- Blue (81%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0319, 57.9331, 66.5161 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 58.0319, 57.9331, 66.5161 by changing the saturation by 10% instead.

■ 58.0319, 57.9331,
66.5161

■ 58.0319, 57.9331,
66.5161

407.2567,
416.9366, 466.6749

■ 42.0777, 41.7549,
48.2324

101.0920,
101.8254, 115.8608

■ 29.3535, 28.9094,
33.6496

128.9286,
130.3083, 147.7589

■ 19.4940, 19.0123,
22.3494

161.4566,
163.6615, 185.0321

■ 12.1339, 11.6792,
13.9131

199.0416,
202.2695, 228.0990

■ 6.9078, 6.5256,
7.9222

242.0487,
246.5166, 277.3783

■ 3.4503, 3.1672,
3.9581

290.8433,

■ 1.3961, 1.2197,

296.7872, 333.2883

1.6024

345.7909,
353.4658, 396.2476

■ 0.2535, 0.0777,
0.2925

■ 0.0000, 0.0000,
0.0000

■ 58.0319, 57.9331,
66.5161

■ 58.0319, 57.9331,
66.5161

■ 52.6425, 48.6607,
60.0739

■ 64.1492, 68.5814,
73.4435

■ 47.9472, 40.7001,
54.0999

■ 71.0165, 80.6514,
80.8649

■ 43.9166, 33.9931,
48.5815

■ 77.1747, 91.2224,
88.2979

■ 40.5174, 28.4743,
43.5040

■ 78.3164, 91.6791,
94.3100

■ 37.7134, 24.0723,
38.8515

■ 79.5097, 92.1564,
100.5939

■ 35.4644, 20.7080,
34.6065

■ 80.7552, 92.6546,
107.1529

■ 33.7249, 18.2918,
30.7502

■ 80.9618, 92.7373,
108.2407

■ 32.4417, 16.7187,
27.2605

■ 31.5417, 15.8436,
24.1090

Harmonies

Analogous

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



57.0227, 57.9331, 70.4491



58.0319, 57.9331, 66.5161



58.2379, 57.9331, 61.8352

Triad

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



58.0319, 57.9331, 66.5161



54.6275, 57.9331, 54.5718



52.6215, 57.9331, 68.7887

Complementary

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



58.0319, 57.9331, 66.5161



56.9713, 63.0886, 65.0548

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.



52.0069, 57.9331, 64.3399



58.0319, 57.9331, 66.5161



53.1500, 57.9331, 56.2423

Square

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



58.0319, 57.9331, 66.5161



56.2510, 57.9331, 55.0901



52.1984, 57.9331, 59.7630



53.8932, 57.9331, 71.8058

Rectangle

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



58.0319, 57.9331, 66.5161



57.8884, 57.9331, 58.9449



52.1984, 57.9331, 59.7630



52.3324, 57.9331, 67.4026

Sweetspot

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



58.0336, 57.9356, 66.5174



93.1380, 96.6665, 106.7508



55.9469, 56.7741, 70.2981



19.9554, 20.7255, 22.8717



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.



58.0336, 57.9356, 66.5174



86.8054, 85.6793, 99.4670



57.1018, 57.5629, 61.6106



12.7463, 12.5500, 14.6044



19.4035, 9.6977, 14.6947



1.2099, 0.6007, 1.0946

Inverse Universe

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



58.0336, 57.9356, 66.5174



86.8054, 85.6793, 99.4670



57.9265, 63.4707, 70.0850



12.7463, 12.5500, 14.6044



19.4035, 9.6977, 14.6947



1.2099, 0.6007, 1.0946

Previews

White Background



This preview shows how the XYZ color 58.0319, 57.9331, 66.5161 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 58.0319, 57.9331, 66.5161 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 58.0319, 57.9331, 66.5161

Background



This preview shows how black text looks on a background with the XYZ color 58.0319, 57.9331, 66.5161.



This preview shows how white text looks on a background with the XYZ color 58.0319, 57.9331,

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

58.0319, 57.9331, 66.5161

Protanopia

56.1657, 57.9575, 67.9012

Deuteranopia

59.0476, 57.7915, 66.4353



Tritanopia

58.7136, 57.8795, 69.7053

Trichromacy



Original Color

58.0319, 57.9331, 66.5161

Protanomaly

56.9102, 58.0150, 67.2300

Deuteranomaly

58.6800, 57.9335, 66.4820

Tritanomaly

58.4643, 57.7798, 68.3928

Monochromacy



Original Color

58.0319, 57.9331, 66.5161

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.8874, 58.7422, 64.8400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0319, 57.9331, 66.5161 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, 196, 206) looks like.

```
.text, #text, p{  
    color:rgb(212, 196, 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, 196, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 196, 206) }
```

Border

The CSS property to change the border of an element to XYZ 58.0319, 57.9331, 66.5161 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, 196, 206) }
```


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

```
.border{ border-color:rgb(212, 196, 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, 196, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 196, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 196, 206);  
box-shadow:4px 4px 4px 4px rgb(212, 196,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0319, 57.9331, 66.5161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 196, 206) }
```

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

```
.background{ background-color: rgb(212,  
196, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor