

Converting Colors

XYZ(58.4235, 58.0469, 61.5909)

Have a look what the booklet for
XYZ(58.4235, 58.0469, 61.5909)
contains.

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Color

**XYZ(58.3234, 57.8591,
61.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C3C6
RGB	217, 195, 198
RGB Percent	85%, 76%, 78%
CMY	0.1490, 0.2353, 0.2235
CMYK	0.00, 0.10, 0.09, 0.15
HSL	352°, 22%, 81%
HSV	352°, 10%, 85%
XYZ	58.3234, 57.8591, 61.5200
YIQ	201.9200, 12.1490, 5.5970

Conversions

Conversions Part 2

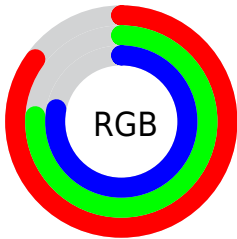
Format	Color
R _Y B	217, 195, 198
Decimal	14271430
CIE Lab	80.66, 8.25, 1.31
CIE LCh	81, 8.350, 9.056
Yxy	57.8591, 0.3282, 0.3256
Android (android.graphics.Color)	4292461510 (0xFFD9C3C6)
YUV	201.9200, -1.9326, 13.2252
Hunter-Lab	76.0652, 3.7518, 5.2930

Details

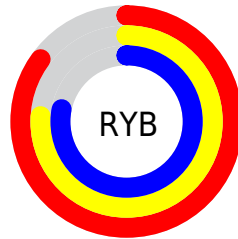
The XYZ color **58.3234, 57.8591, 61.5200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4583, 66.0843, 73.2433**, and the grayscale version is **56.0968, 59.0182, 64.2709**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **29.4592, 28.7448, 30.3812** is the 20% darker color. If you saturate the color by 10%, you get **51.7804, 48.0212, 49.3242**, and if you desaturate by 10%, it is **65.8438, 69.2223, 75.3631**.

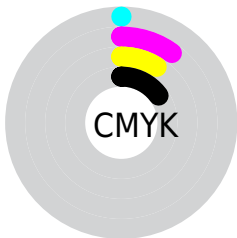
Distribution



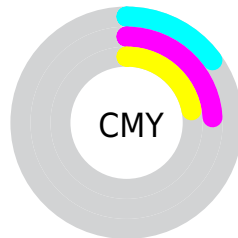
- Red (85%)
- Green (76%)
- Blue (78%)



- Red (85%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (15%)



- Cyan (15%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3234, 57.8591, 61.5200 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 58.3234, 57.8591, 61.5200 by changing the saturation by 10% instead.

■ 58.3234, 57.8591,
61.5200

■ 58.3234, 57.8591,
61.5200

408.3244,
416.6607, 448.1373

■ 42.3130, 41.6954,
44.2117

■ 101.5139,
101.7176, 108.5964

■ 29.5386, 28.8628,
30.4985

129.4247,
130.1813, 139.2015

■ 19.6350, 18.9771,
19.9620

162.0330,
163.5136, 175.0759

■ 12.2367, 11.6537,
12.1837

199.7041,
202.0992, 216.6383

■ 6.9784, 6.5084,
6.7448

242.8035,
246.3223, 264.3070

■ 3.4948, 3.1566,
3.2270

291.6964,

■ 1.4205, 1.2140,

296.5673, 318.5008

1.2117

346.7483,
353.2186, 379.6380

■ 0.2708, 0.0731,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3234, 57.8591,
61.5200

■ 58.3234, 57.8591,
61.5200

■ 51.7804, 48.0212,
49.3242

■ 65.8438, 69.2223,
75.3631

■ 46.1699, 39.6364,
38.7106

■ 74.3745, 82.1637,
90.9079

■ 41.4507, 32.6379,
29.6153

■ 82.3025, 93.4426,
107.6608

■ 37.5765, 26.9509,
21.9685

■ 82.4256, 93.4919,
108.3092

■ 34.4968, 22.4935,
15.6950

■ 32.1558, 19.1745,
10.7127

■ 30.4902, 16.8900,
6.9306

■ 29.4257, 15.5170,
4.2457

■ 28.8443, 14.8434,
2.5438

Harmonies

Analogous

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



58.1393, 57.8591, 66.4443



58.3234, 57.8591, 61.5200



57.6009, 57.8591, 57.2189

Triad

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



58.3234, 57.8591, 61.5200



52.9363, 57.8591, 55.9283



53.8200, 57.8591, 72.2622

Complementary

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



58.3234, 57.8591, 61.5200



59.4583, 66.0843, 73.2433

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.



52.4657, 57.8591, 69.1552



58.3234, 57.8591, 61.5200



51.9630, 57.8591, 59.6744

Square

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



58.3234, 57.8591, 61.5200



54.4746, 57.8591, 54.1030



51.7925, 57.8591, 64.5010



55.5154, 57.8591, 72.8198

Rectangle

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



58.3234, 57.8591, 61.5200



56.7110, 57.8591, 55.2215



51.7925, 57.8591, 64.5010



53.3107, 57.8591, 71.4738

Sweetspot

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



58.3250, 57.8616, 61.5212



91.6121, 94.7975, 102.5955



59.6853, 58.2936, 73.7524



19.4169, 20.0005, 21.6071



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.



58.3250, 57.8616, 61.5212



82.0859, 80.4196, 85.0092



59.7525, 61.2643, 60.3087



13.1279, 13.0803, 13.9348



17.4831, 8.9943, 1.6582



1.1565, 0.5922, 0.2329

Inverse Universe

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



58.3250, 57.8616, 61.5212



82.0859, 80.4196, 85.0092



57.9063, 62.3621, 74.6315



13.1279, 13.0803, 13.9348



17.4831, 8.9943, 1.6582



1.1565, 0.5922, 0.2329

Previews

White Background



This preview shows how the XYZ color 58.3234, 57.8591, 61.5200 looks on a white background.

Color Contrast Check

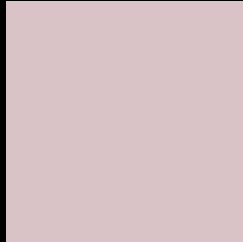
Large Text (above 18pt) WCAG AA × Fail

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 58.3234, 57.8591, 61.5200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

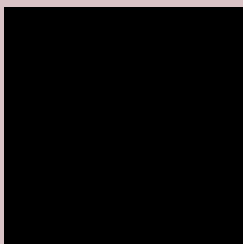
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3234, 57.8591, 61.5200

Background



This preview shows how black text looks on a background with the XYZ color 58.3234, 57.8591, 61.5200.



This preview shows how white text looks on a background with the XYZ color 58.3234, 57.8591,

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

58.3234, 57.8591, 61.5200

Protanopia

55.7506, 57.8543, 62.8722

Deuteranopia

59.0000, 57.8764, 61.4877



Tritanopia

59.4920, 57.6488, 68.3134

Trichromacy



Original Color

58.3234, 57.8591, 61.5200

Protanomaly

56.7974, 58.0670, 62.2473

Deuteranomaly

58.6982, 57.7209, 61.4736

Tritanomaly

59.2247, 57.8968, 65.8113

Monochromacy



Original Color

58.3234, 57.8591, 61.5200

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.6982, 58.3293, 63.5287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3234, 57.8591, 61.5200 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(217, 195, 198)` looks like.

```
.text, #text, p{  
    color:rgb(217, 195, 198)  
}
```

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(217, 195, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 195, 198) }
```

Border

The CSS property to change the border of an element to XYZ 58.3234, 57.8591, 61.5200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

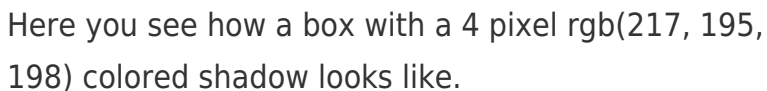
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 195, 198) }
```


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

```
.border{ border-color:rgb(217, 195, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 195, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 195, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 195, 198); box-shadow:4px 4px 4px 4px rgb(217, 195, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3234, 57.8591, 61.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 195, 198) }
```

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

```
.background{ background-color: rgb(217,  
195, 198) }
```

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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