

Converting Colors

XYZ(58.4735, 52.9977, 59.9550)

Have a look what the booklet for
XYZ(58.4735, 52.9977, 59.9550)
contains.

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Color

**XYZ(58.5112, 52.9294,
59.9558)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B3C5
RGB	229, 179, 197
RGB Percent	90%, 70%, 77%
CMY	0.1020, 0.2980, 0.2274
CMYK	0.00, 0.22, 0.14, 0.10
HSL	338°, 49%, 80%
HSV	338°, 22%, 90%
XYZ	58.5112, 52.9294, 59.9558
YIQ	196.0020, 24.0220, 16.1980

Conversions

Conversions Part 2

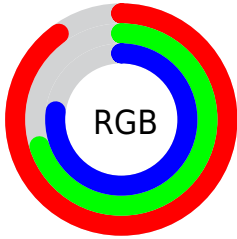
Format	Color
R _Y B	229, 179, 197
Decimal	15053765
CIE Lab	77.83, 20.89, -2.15
CIE LCh	78, 20.997, 354.132
Yxy	52.9294, 0.3414, 0.3088
Android (android.graphics.Color)	4293243845 (0xFFE5B3C5)
YUV	196.0020, 0.4920, 28.9392
Hunter-Lab	72.7526, 16.2414, 2.0656

Details

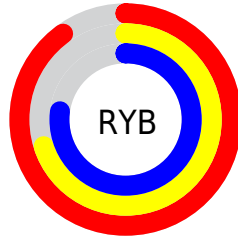
The XYZ color **58.5112, 52.9294, 59.9558** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.3697, 70.3268, 72.1294**, and the grayscale version is **52.4588, 55.1908, 60.1028**.

A 20% lighter version of the original color is **88.8377, 87.8324, 106.0370**, and **29.6524, 25.7891, 29.4015** is the 20% darker color. If you saturate the color by 10%, you get **52.6986, 43.8621, 50.1312**, and if you desaturate by 10%, it is **65.2523, 63.5911, 70.8968**.

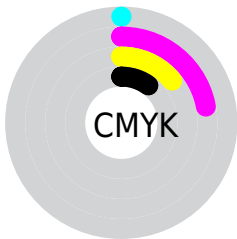
Distribution



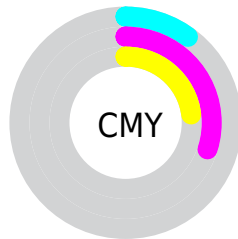
- Red (90%)
- Green (70%)
- Blue (77%)



- Red (90%)
- Yellow (70%)
- Blue (77%)



- Cyan (0%)
- Magenta (22%)
- Yellow (14%)
- Black (10%)



- Cyan (10%)
- Magenta (30%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5112, 52.9294, 59.9558 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 58.5112, 52.9294, 59.9558 by changing the saturation by 10% instead.

■ 58.5112, 52.9294,
59.9558

■ 58.5112, 52.9294,
59.9558

409.0113,
398.0142, 442.2349

■ 42.4646, 37.7464,
42.9579

■ 101.7856, 94.5005,
106.3083

■ 29.6580, 25.7859,
29.5210

129.7441,
121.6573, 136.5000

■ 19.7259, 16.6636,
19.2263

162.4040,
153.5743, 171.9268

■ 12.3031, 9.9949,
11.6555

200.1306,
190.6357, 213.0071

■ 7.0241, 5.3956,
6.3898

243.2893,
233.2261, 260.1595

■ 3.5236, 2.4812,
3.0110

292.2454,

■ 1.4363, 0.8672,

281.7296, 313.8026

1.1002

347.3643,
336.5309, 374.3549

■ 0.2819, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5112, 52.9294,
59.9558

■ 58.5112, 52.9294,
59.9558

■ 52.6986, 43.8621,
50.1312

■ 65.2523, 63.5911,
70.8968

■ 47.7677, 36.3050,
41.3828

■ 72.9569, 75.9118,
82.9860

■ 43.6745, 30.1769,
33.6725

■ 81.6635, 89.9613,
96.2580

■ 40.3689, 25.3861,
26.9586

■ 86.1233, 95.3981,
108.4822

■ 37.7954, 21.8302,
21.1960

■ 35.8908, 19.3916,
16.3356

■ 34.5796, 17.9293,
12.3223

■ 33.8527, 17.2739,
9.6183

Harmonies

Analogous

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



56.9279, 52.9294, 71.8037



58.5112, 52.9294, 59.9558



57.8022, 52.9294, 48.9354

Triad

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



58.5112, 52.9294, 59.9558



47.1720, 52.9294, 39.4829



45.8553, 52.9294, 77.7944

Complementary

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



58.5112, 52.9294, 59.9558



58.3697, 70.3268, 72.1294

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.



43.4909, 52.9294, 67.3004



58.5112, 52.9294, 59.9558



44.2219, 52.9294, 45.4581

Square

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



58.5112, 52.9294, 59.9558



51.1131, 52.9294, 38.0675



42.9094, 52.9294, 55.3673



49.5110, 52.9294, 82.9583

Rectangle

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



58.5112, 52.9294, 59.9558



56.1434, 52.9294, 43.3761



42.9094, 52.9294, 55.3673



44.8912, 52.9294, 74.7102

Sweetspot

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



58.5127, 52.9318, 59.9569



87.8323, 88.4211, 97.6878



57.0334, 51.6996, 81.1023



18.6728, 18.7229, 20.7097



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.



58.5127, 52.9318, 59.9569



71.3282, 62.3083, 70.9287



57.9403, 54.8926, 50.1923



14.5903, 14.4533, 16.0428



19.4076, 9.8973, 5.7754



1.4774, 0.7487, 0.6544

Inverse Universe

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



58.5127, 52.9318, 59.9569



71.3282, 62.3083, 70.9287



58.9449, 67.6621, 84.0826



14.5903, 14.4533, 16.0428



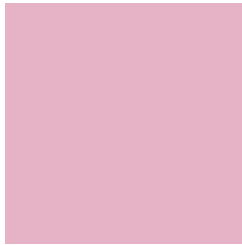
19.4076, 9.8973, 5.7754



1.4774, 0.7487, 0.6544

Previews

White Background



This preview shows how the XYZ color 58.5112, 52.9294, 59.9558 looks on a white background.

Color Contrast Check

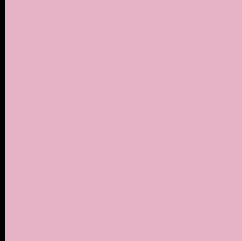
Large Text (above 18pt) WCAG AA × Fail

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 58.5112, 52.9294, 59.9558 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 58.5112, 52.9294, 59.9558

Background



This preview shows how black text looks on a background with the XYZ color 58.5112, 52.9294, 59.9558.



This preview shows how white text looks on a background with the XYZ color 58.5112, 52.9294,

59.9558.

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

58.5112, 52.9294, 59.9558

Protanopia

51.7410, 53.3964, 64.7062

Deuteranopia

54.3125, 53.2278, 59.6360



Tritanopia

58.2600, 53.1508, 57.6406

Trichromacy



Original Color

58.5112, 52.9294, 59.9558

Protanomaly

53.7665, 52.8795, 62.6313

Deuteranomaly

55.7196, 53.0182, 59.5214

Tritanomaly

58.3720, 53.1956, 58.2302

Monochromacy



Original Color

58.5112, 52.9294, 59.9558

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.3897, 54.2223, 59.8239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5112, 52.9294, 59.9558 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(229, 179, 197)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 197)  
}
```

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(229, 179, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 197) }
```

Border

The CSS property to change the border of an element to XYZ 58.5112, 52.9294, 59.9558 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(229, 179, 197) }
```


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

```
.border{ border-color:rgb(229, 179, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 179, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 197);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5112, 52.9294, 59.9558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 179, 197) }
```

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

```
.background{ background-color: rgb(229,  
179, 197) }
```

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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