

Converting Colors

XYZ(58.2557, 53.5133, 60.1812)

Have a look what the booklet for
XYZ(58.2557, 53.5133, 60.1812)
contains.

XYZ(58.2805, 53.4099, 60.0607)	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(58.2805, 53.4099,
60.0607)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B5C5
RGB	227, 181, 197
RGB Percent	89%, 71%, 77%
CMY	0.1098, 0.2902, 0.2274
CMYK	0.00, 0.20, 0.13, 0.11
HSL	339°, 45%, 80%
HSV	339°, 20%, 89%
XYZ	58.2805, 53.4099, 60.0607
YIQ	196.5780, 22.2800, 14.7280

Conversions

Conversions Part 2

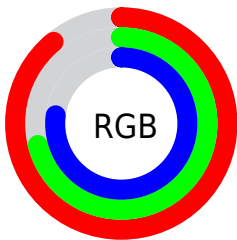
Format	Color
R_{YB}	227, 181, 197
Decimal	14923205
CIE Lab	78.12, 19.11, -1.75
CIE LCh	78, 19.187, 354.755
Yxy	53.4099, 0.3393, 0.3110
Android (android.graphics.Color)	4293113285 (0xFFE3B5C5)
YUV	196.5780, 0.2080, 26.6801
Hunter-Lab	73.0821, 14.4541, 2.4314

Details

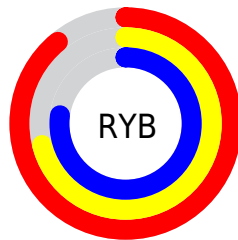
The XYZ color **58.2805, 53.4099, 60.0607** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.2852, 69.4665, 71.9679**, and the grayscale version is **52.8073, 55.5574, 60.5020**.

A 20% lighter version of the original color is **89.4136, 88.9841, 106.2290**, and **29.4717, 26.0794, 29.4671** is the 20% darker color. If you saturate the color by 10%, you get **52.4216, 44.2746, 50.1448**, and if you desaturate by 10%, it is **65.0611, 64.1207, 71.1072**.

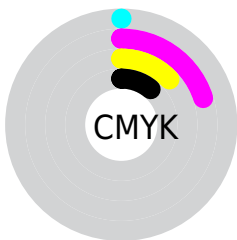
Distribution



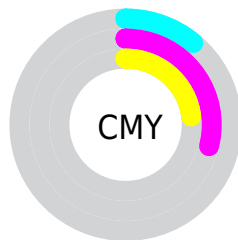
- Red (89%)
- Green (71%)
- Blue (77%)



- Red (89%)
- Yellow (71%)
- Blue (77%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2805, 53.4099, 60.0607 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 58.2805, 53.4099, 60.0607 by changing the saturation by 10% instead.


 58.2805, 53.4099,
60.0607

 58.2805, 53.4099,
60.0607


408.1674,
399.8558, 442.6323

 42.2783, 38.1301,
43.0419


 101.4518, 95.2073,
106.4620

 29.5114, 26.0837,
29.5864


129.3517,
122.4936, 136.6815

 19.6142, 16.8862,
19.2755


161.9482,
154.5509, 172.1385

 12.2216, 10.1534,
11.6907

199.6067,
191.7636, 213.2513

 6.9680, 5.5008,
6.4134

242.6925,
234.5160, 260.4385

 3.4883, 2.5440,
3.0252

291.5709,

 1.4169, 0.8986,

283.1926, 314.1188

1.1075

346.6075,
338.1777, 374.7105

■ 0.2682, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2805, 53.4099,
60.0607

■ 58.2805, 53.4099,
60.0607

■ 52.4216, 44.2746,
50.1448

■ 65.0611, 64.1207,
71.1072

■ 47.4387, 36.6328,
41.3189

■ 72.7974, 76.4694,
83.3163

■ 43.2888, 30.4063,
33.5445

■ 81.5270, 90.5237,
96.7231

■ 39.9237, 25.5066,
26.7796

■ 85.4888, 95.0710,
108.4525

■ 37.2896, 21.8350,
20.9790

■ 35.3255, 19.2792,
16.0933

■ 33.9596, 17.7056,
12.0675

■ 33.0881, 16.8947,
8.9034

Harmonies

Analogous

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



56.8773, 53.4099, 70.8896



58.2805, 53.4099, 60.0607



57.5906, 53.4099, 49.9369

Triad

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



58.2805, 53.4099, 60.0607



47.8077, 53.4099, 41.3605



46.7202, 53.4099, 76.6809

Complementary

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



58.2805, 53.4099, 60.0607



58.2852, 69.4665, 71.9679

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.



44.5003, 53.4099, 67.2270



58.2805, 53.4099, 60.0607



45.1062, 53.4099, 47.0436

Square

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



58.2805, 53.4099, 60.0607



51.4259, 53.4099, 39.9357



43.9242, 53.4099, 56.2887



50.1088, 53.4099, 81.2106

Rectangle

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



58.2805, 53.4099, 60.0607



56.0533, 53.4099, 44.8057



43.9242, 53.4099, 56.2887



45.8193, 53.4099, 73.9212

Sweetspot

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



58.2820, 53.4123, 60.0618



88.7965, 89.9975, 99.0940



57.2263, 52.4306, 79.7777



18.8664, 19.0404, 20.9890



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.



58.2820, 53.4123, 60.0618



72.7637, 64.6652, 72.9927



57.9828, 55.5933, 51.3936



14.5829, 14.4503, 16.0039



19.3466, 9.8729, 5.4544



1.4723, 0.7466, 0.6275

Inverse Universe

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



58.2820, 53.4123, 60.0618



72.7637, 64.6652, 72.9927



58.5425, 66.6103, 82.4453



14.5829, 14.4503, 16.0039



19.3466, 9.8729, 5.4544



1.4723, 0.7466, 0.6275

Previews

White Background



This preview shows how the XYZ color 58.2805, 53.4099, 60.0607 looks on a white background.

Color Contrast Check

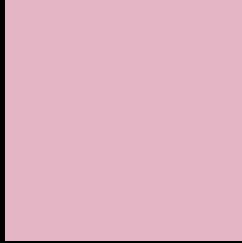
Large Text (above 18pt) WCAG AA × Fail

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 58.2805, 53.4099, 60.0607 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 58.2805, 53.4099, 60.0607

Background



This preview shows how black text looks on a background with the XYZ color 58.2805, 53.4099, 60.0607.



This preview shows how white text looks on a background with the XYZ color 58.2805, 53.4099,

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

58.2805, 53.4099, 60.0607

Protanopia

51.9969, 53.5282, 64.7182

Deuteranopia

54.5981, 53.3751, 59.6493



Tritanopia

58.0528, 53.3188, 58.8616

Trichromacy



Original Color

58.2805, 53.4099, 60.0607

Protanomaly

53.9794, 53.3053, 62.7023

Deuteranomaly

55.9280, 53.4352, 59.5908

Tritanomaly

58.1662, 53.3642, 59.4592

Monochromacy



Original Color

58.2805, 53.4099, 60.0607

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.7213, 54.7027, 60.4979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2805, 53.4099, 60.0607 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(227, 181, 197)` looks like.

```
.text, #text, p{  
    color:rgb(227, 181, 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(227, 181, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 181, 197) }
```

Border

The CSS property to change the border of an element to XYZ 58.2805, 53.4099, 60.0607 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(227, 181, 197) }
```


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

```
.border{ border-color:rgb(227, 181, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 181, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 181, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 181, 197);  
box-shadow:4px 4px 4px 4px rgb(227, 181,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2805, 53.4099, 60.0607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 181, 197) }
```

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

```
.background{ background-color: rgb(227,  
181, 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](#).

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