

Converting Colors

XYZ(59.9139, 58.7651, 49.6953)

Have a look what the booklet for
XYZ(59.9139, 58.7651, 49.6953)
contains.

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Color

**XYZ(59.8607, 58.5809,
49.7472)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C2B1
RGB	230, 194, 177
RGB Percent	90%, 76%, 69%
CMY	0.0980, 0.2392, 0.3059
CMYK	0.00, 0.16, 0.23, 0.10
HSL	19°, 51%, 80%
HSV	19°, 23%, 90%
XYZ	59.8607, 58.5809, 49.7472
YIQ	202.8260, 26.9130, 2.3450

Conversions

Conversions Part 2

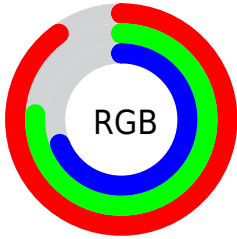
Format	Color
R_{YB}	230, 202, 177
Decimal	15123121
CIE _{Lab}	81.06, 10.22, 13.31
CIE _{LCh}	81, 16.779, 52.471
Yxy	58.5809, 0.3559, 0.3483
Android (android.graphics.Color)	4293313201 (0xFFE6C2B1)
YUV	202.8260, -12.7322, 23.8316
Hunter-Lab	76.5382, 5.6635, 15.0402

Details

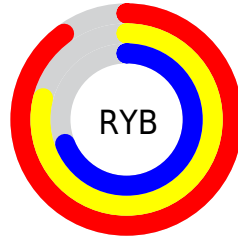
The XYZ color **59.8607, 58.5809, 49.7472** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.2080, 62.6470, 83.9928**, and the grayscale version is **56.7224, 59.6764, 64.9876**.

A 20% lighter version of the original color is **90.4452, 96.1376, 90.8802**, and **30.4717, 29.2101, 23.1009** is the 20% darker color. If you saturate the color by 10%, you get **54.4632, 51.1505, 37.5750**, and if you desaturate by 10%, it is **66.0132, 66.9022, 64.0786**.

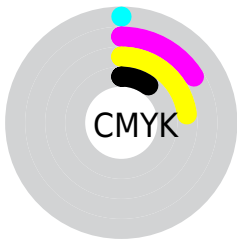
Distribution



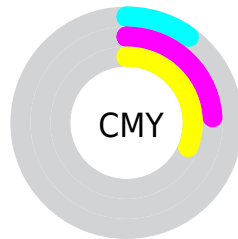
- Red (90%)
- Green (76%)
- Blue (69%)



- Red (90%)
- Yellow (79%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (23%)
- Black (10%)





- Cyan (10%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8607, 58.5809, 49.7472 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 59.8607, 58.5809, 49.7472 by changing the saturation by 10% instead.


 59.8607, 58.5809,
49.7472

 59.8607, 58.5809,
49.7472


413.9271,
419.3470, 402.3832

 43.5554, 42.2758,
34.8428


 103.7351,
102.7683, 91.1926

 30.5175, 29.3173,
23.2592


132.0348,
131.4194, 118.5708

 20.3818, 19.3210,
14.5779


165.0635,
164.9547, 150.9439

 12.7827, 11.9025,
8.3804

203.1863,
203.7585, 188.7305

 7.3551, 6.6773,
4.2481

246.7688,
248.2153, 232.3493

 3.7334, 3.2611,
1.7624

296.1761,

 1.5525, 1.2695,

298.7093, 282.2186

0.4030

351.7738,
355.6251, 338.7571

■ 0.3611, 0.1174,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8607, 58.5809,
49.7472

■ 59.8607, 58.5809,
49.7472

■ 54.4632, 51.1505,
37.5750

■ 66.0132, 66.9022,
64.0786

■ 49.7855, 44.5726,
27.4526

■ 72.9448, 76.1350,
80.6640

■ 45.7962, 38.8180,
19.2666

■ 80.6842, 86.3093,
99.5969

■ 42.4597, 33.8524,
12.8909

■ 86.4432, 95.5631,
108.4972

■ 39.7369, 29.6392,
8.1842

■ 37.5837, 26.1380,
4.9838

■ 35.9487, 23.3042,
3.0937

■ 35.0683, 21.6931,
2.3389

Harmonies

Analogous

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



62.1021, 58.5809, 56.7289



59.8607, 58.5809, 49.7472



56.5617, 58.5809, 46.5923

Triad

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



59.8607, 58.5809, 49.7472



49.2986, 58.5809, 61.3038



58.2794, 58.5809, 83.2069

Complementary

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



59.8607, 58.5809, 49.7472



56.2080, 62.6470, 83.9928

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.



54.8063, 58.5809, 84.7582



59.8607, 58.5809, 49.7472



49.7155, 58.5809, 71.4024

Square

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



59.8607, 58.5809, 49.7472



50.5339, 58.5809, 52.7968



51.6975, 58.5809, 80.2417



61.1629, 58.5809, 76.2001

Rectangle

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



59.8607, 58.5809, 49.7472



54.2452, 58.5809, 46.8257



51.6975, 58.5809, 80.2417



57.1386, 58.5809, 84.4114

Sweetspot

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



59.8623, 58.5836, 49.7484



88.5618, 91.4108, 93.2121



60.3935, 53.0831, 70.1585



18.8412, 19.4130, 19.6763



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.



59.8623, 58.5836, 49.7484



72.0437, 69.0916, 54.6668



66.2370, 71.3330, 51.8733



14.7526, 15.1191, 15.0452



19.9516, 12.4773, 1.3568



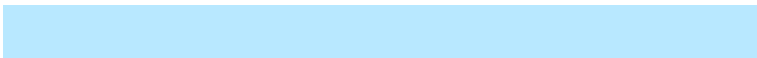
1.5560, 1.0852, 0.1275

Inverse Universe

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



56.2080, 62.6470, 83.9928



66.6039, 75.1260, 105.5981



50.1253, 50.4816, 81.9652



14.3972, 15.5157, 18.3804



14.9515, 16.9651, 44.8697



1.1879, 1.4198, 3.3434

Previews

White Background



This preview shows how the XYZ color 59.8607, 58.5809, 49.7472 looks on a white background.

Color Contrast Check

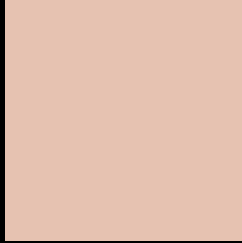
Large Text (above 18pt) WCAG AA × Fail

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 59.8607, 58.5809, 49.7472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

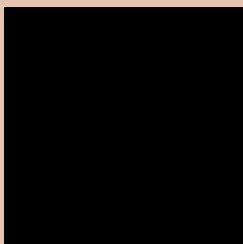
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8607, 58.5809, 49.7472

Background



This preview shows how black text looks on a background with the XYZ color 59.8607, 58.5809, 49.7472.



This preview shows how white text looks on a background with the XYZ color 59.8607, 58.5809,

49.7472.

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

59.8607, 58.5809, 49.7472

Protanopia

55.8055, 58.8111, 52.1265

Deuteranopia

59.8607, 58.5809, 49.7472



Tritanopia

63.0372, 58.5583, 65.7381

Trichromacy



Original Color

59.8607, 58.5809, 49.7472

Protanomaly

57.0476, 58.4352, 51.4524

Deuteranomaly

59.8607, 58.5809, 49.7472

Tritanomaly

61.7598, 58.3575, 59.6388

Monochromacy



Original Color

59.8607, 58.5809, 49.7472

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.8325, 59.3497, 59.4465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8607, 58.5809, 49.7472 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(230, 194, 177)` looks like.

```
.text, #text, p{  
    color:rgb(230, 194, 177)  
}
```

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(230, 194, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 194, 177) }
```

Border

The CSS property to change the border of an element to XYZ 59.8607, 58.5809, 49.7472 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(230, 194, 177) }
```


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

```
.border{ border-color:rgb(230, 194, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 194, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 194, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 194, 177);  
box-shadow:4px 4px 4px 4px rgb(230, 194,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8607, 58.5809, 49.7472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 194, 177) }
```

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

```
.background{ background-color: rgb(230,  
194, 177) }
```

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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