

Converting Colors

XYZ(61.3892, 59.3803, 49.3003)

Have a look what the booklet for
XYZ(61.3892, 59.3803, 49.3003)
contains.

XYZ(61.3892, 59.3803, 49.3003)	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(61.3892, 59.3803,
49.3003)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC2B0
RGB	235, 194, 176
RGB Percent	92%, 76%, 69%
CMY	0.0784, 0.2392, 0.3098
CMYK	0.00, 0.17, 0.25, 0.08
HSL	18°, 60%, 81%
HSV	18°, 25%, 92%
XYZ	61.3892, 59.3803, 49.3003
YIQ	204.2070, 30.2140, 3.0940

Conversions

Conversions Part 2

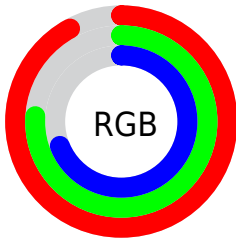
Format	Color
R _Y B	235, 202, 176
Decimal	15450800
CIE Lab	81.50, 11.94, 14.53
CIE LCh	82, 18.806, 50.573
Yxy	59.3803, 0.3610, 0.3492
Android (android.graphics.Color)	4293640880 (0xFFEBC2B0)
YUV	204.2070, -13.9061, 27.0055
Hunter-Lab	77.0586, 7.3505, 16.0087

Details

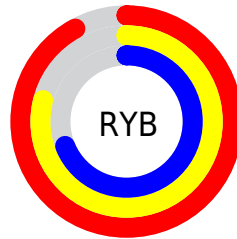
The XYZ color **61.3892, 59.3803, 49.3003** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.7122, 64.8522, 88.0735**, and the grayscale version is **57.5985, 60.5981, 65.9913**.

A 20% lighter version of the original color is **90.3027, 96.0806, 90.1299**, and **31.3133, 29.6512, 22.8118** is the 20% darker color. If you saturate the color by 10%, you get **55.8260, 51.6581, 36.9502**, and if you desaturate by 10%, it is **67.7575, 68.0676, 63.9058**.

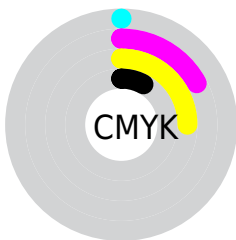
Distribution



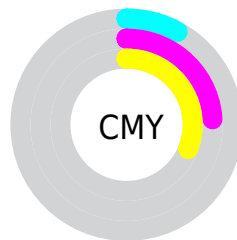
- Red (92%)
- Green (76%)
- Blue (69%)



- Red (92%)
- Yellow (79%)
- Blue (69%)



- Cyan (0%)
- Magenta (17%)
- Yellow (25%)
- Black (8%)





- Cyan (8%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3892, 59.3803, 49.3003 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 61.3892, 59.3803, 49.3003 by changing the saturation by 10% instead.


 61.3892, 59.3803,
49.3003

 61.3892, 59.3803,
49.3003


419.4527,
422.3098, 400.5797

 44.7931, 42.9193,
34.4905


 105.9372,
103.9302, 90.5229

 31.4951, 29.8218,
22.9902


134.6198,
132.7879, 117.7728

 21.1298, 19.7034,
14.3811

168.0619,
166.5467, 150.0064

 13.3319, 12.1796,
8.2444

206.6289,
205.5908, 187.6423

 7.7361, 6.8661,
4.1617

250.6861,
250.3048, 231.0990

 3.9769, 3.3785,
1.7145

300.5989,

 1.6891, 1.3324,

301.0731, 280.7952

0.3706

356.7327,
358.2799, 337.1492

■ 0.4494, 0.1661,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3892, 59.3803,
49.3003

■ 61.3892, 59.3803,
49.3003

■ 55.8260, 51.6581,
36.9502

■ 67.7575, 68.0676,
63.9058

■ 51.0295, 44.8589,
26.7385

■ 74.9576, 77.7441,
80.8686

■ 46.9651, 38.9493,
18.5428

■ 83.0209, 88.4433,
100.2886

■ 43.5937, 33.8906,
12.2268

■ 88.0711, 96.4022,
108.5734

■ 40.8718, 29.6413,
7.6373

■ 38.7504, 26.1554,
4.5963

■ 37.1715, 23.3817,
2.8860

■ 36.5599, 22.2600,
2.3697

Harmonies

Analogous

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



63.8341, 59.3803, 57.3256



61.3892, 59.3803, 49.3003



57.6893, 59.3803, 45.5242

Triad

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



61.3892, 59.3803, 49.3003



49.2898, 59.3803, 61.1657



59.1438, 59.3803, 87.1726

Complementary

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



61.3892, 59.3803, 49.3003



57.7122, 64.8522, 88.0735

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.



55.2073, 59.3803, 88.5108



61.3892, 59.3803, 49.3003



49.6386, 59.3803, 72.5841

Square

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



61.3892, 59.3803, 49.3003



50.7865, 59.3803, 51.8299



51.7627, 59.3803, 82.9067



62.4964, 59.3803, 79.4385

Rectangle

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



61.3892, 59.3803, 49.3003



55.0603, 59.3803, 45.5839



51.7627, 59.3803, 82.9067



57.8409, 59.3803, 88.4179

Sweetspot

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



61.3908, 59.3830, 49.3015



87.5813, 90.0423, 91.0585



62.3503, 53.7389, 72.9374



18.4614, 18.8909, 18.8176



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.



61.3908, 59.3830, 49.3015



70.4103, 66.6628, 51.5393



68.5390, 73.6795, 51.6843



15.4403, 15.8036, 15.7553



20.4459, 12.5860, 1.3517



1.6877, 1.1527, 0.1335

Inverse Universe

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



57.7122, 64.8522, 88.0735



65.2847, 74.2635, 105.5012



50.8411, 51.1101, 85.7832



15.1073, 16.3010, 19.2724



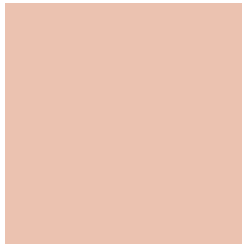
15.7810, 18.2090, 46.4259



1.3234, 1.5983, 3.6736

Previews

White Background



This preview shows how the XYZ color 61.3892, 59.3803, 49.3003 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 61.3892, 59.3803, 49.3003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

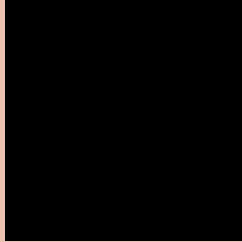
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3892, 59.3803, 49.3003

Background



This preview shows how black text looks on a background with the XYZ color 61.3892, 59.3803, 49.3003.



This preview shows how white text looks on a background with the XYZ color 61.3892, 59.3803,

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

61.3892, 59.3803, 49.3003

Protanopia

56.5101, 59.5334, 51.6927

Deuteranopia

60.6303, 59.3206, 49.3288



Tritanopia

64.6928, 59.4118, 65.8156

Trichromacy



Original Color

61.3892, 59.3803, 49.3003

Protanomaly

58.0753, 59.3172, 51.0363

Deuteranomaly

60.9559, 59.4884, 49.3440

Tritanomaly

63.2935, 59.1612, 59.1223

Monochromacy



Original Color

61.3892, 59.3803, 49.3003

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.4162, 59.6507, 59.4738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3892, 59.3803, 49.3003 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(235, 194, 176)` looks like.

```
.text, #text, p{  
    color:rgb(235, 194, 176)  
}
```

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(235, 194, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 194, 176) }
```

Border

The CSS property to change the border of an element to XYZ 61.3892, 59.3803, 49.3003 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(235, 194, 176) }
```


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

```
.border{ border-color:rgb(235, 194, 176) }
```

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

Here you see how a box with a 4 pixel rgb(235, 194, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 194, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 194, 176);  
box-shadow:4px 4px 4px 4px rgb(235, 194,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3892, 59.3803, 49.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 194, 176) }
```

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

```
.background{ background-color: rgb(235,  
194, 176) }
```

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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