

Converting Colors

XYZ(60.8551, 59.7702, 49.4037)

Have a look what the booklet for
XYZ(60.8551, 59.7702, 49.4037)
contains.

XYZ(60.8551, 59.7702, 49.4037)	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(60.8551, 59.7702,
49.4037)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C4B0
RGB	232, 196, 176
RGB Percent	91%, 77%, 69%
CMY	0.0902, 0.2314, 0.3098
CMYK	0.00, 0.16, 0.24, 0.09
HSL	21°, 55%, 80%
HSV	21°, 24%, 91%
XYZ	60.8551, 59.7702, 49.4037
YIQ	204.4840, 27.8760, 1.4120

Conversions

Conversions Part 2

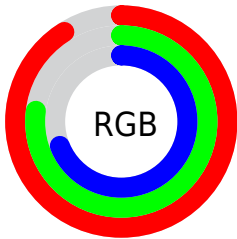
Format	Color
R _Y B	232, 207, 176
Decimal	15254704
CIE Lab	81.71, 9.77, 14.79
CIE LCh	82, 17.722, 56.549
Yxy	59.7702, 0.3579, 0.3515
Android (android.graphics.Color)	4293444784 (0xFFE8C4B0)
YUV	204.4840, -14.0426, 24.1315
Hunter-Lab	77.3112, 5.2108, 16.2301

Details

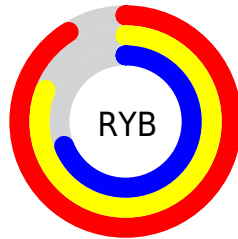
The XYZ color **60.8551, 59.7702, 49.4037** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.0130, 62.1417, 85.3866**, and the grayscale version is **57.7759, 60.7847, 66.1946**.

A 20% lighter version of the original color is **90.9308, 97.3368, 90.3392**, and **31.1526, 30.0062, 22.8887** is the 20% darker color. If you saturate the color by 10%, you get **55.5551, 52.5349, 37.2633**, and if you desaturate by 10%, it is **66.8850, 67.8366, 63.7242**.

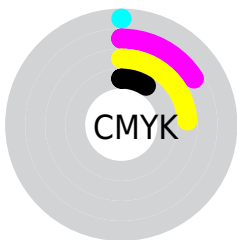
Distribution



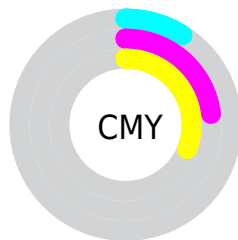
- Red (91%)
- Green (77%)
- Blue (69%)



- Red (91%)
- Yellow (81%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (9%)





- Cyan (9%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8551, 59.7702, 49.4037 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 60.8551, 59.7702, 49.4037 by changing the saturation by 10% instead.


 60.8551, 59.7702,
49.4037

 60.8551, 59.7702,
49.4037

417.5269,
423.7502, 400.9975

 44.3603, 43.2334,
34.5720


 105.1684,
104.4962, 90.6779

 31.1530, 30.0683,
23.0524


133.7177,
133.4543, 117.9575

 20.8678, 19.8904,
14.4266


167.0158,
167.3216, 150.2234

 13.1393, 12.3154,
8.2758

205.4281,
206.4825, 187.8943

 7.6022, 6.9589,
4.1816

249.3201,
251.3214, 231.3886

 3.8911, 3.4364,
1.7255

299.0569,

 1.6407, 1.3636,

302.2228, 281.1248

0.3781

355.0041,
359.5709, 337.5216

■ 0.4187, 0.1897,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8551, 59.7702,
49.4037

■ 60.8551, 59.7702,
49.4037

■ 55.5551, 52.5349,
37.2633

■ 66.8850, 67.8366,
63.7242

■ 50.9505, 46.0951,
27.1910

■ 73.6679, 76.7520,
80.3217

■ 47.0111, 40.4245,
19.0703

■ 81.2316, 86.5438,
99.2919

■ 43.7023, 35.4922,
12.7718

■ 87.0889, 95.8959,
108.5274

■ 40.9859, 31.2649,
8.1497

■ 38.8186, 27.7060,
5.0358

■ 37.1496, 24.7748,
3.2254

■ 36.3626, 23.3234,
2.5853

Harmonies

Analogous

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



63.4693, 59.7702, 56.3248



60.8551, 59.7702, 49.4037



57.2425, 59.7702, 46.6563

Triad

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



60.8551, 59.7702, 49.4037



49.9480, 59.7702, 63.8512



60.0757, 59.7702, 85.2348

Complementary

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



60.8551, 59.7702, 49.4037



56.0130, 62.1417, 85.3866

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.



56.3792, 59.7702, 87.8081



60.8551, 59.7702, 49.4037



50.6332, 59.7702, 74.6976

Square

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



60.8551, 59.7702, 49.4037



51.0340, 59.7702, 54.4025



52.9478, 59.7702, 83.7635



63.0057, 59.7702, 77.0696

Rectangle

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



60.8551, 59.7702, 49.4037



54.7915, 59.7702, 47.3110



52.9478, 59.7702, 83.7635



58.8770, 59.7702, 86.8185

Sweetspot

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



60.8567, 59.7729, 49.4049



88.7564, 91.7999, 93.2769



60.7388, 52.9809, 69.5779



18.8861, 19.5030, 19.6913



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.



60.8567, 59.7729, 49.4049



72.0117, 69.4503, 53.3528



67.6639, 73.3874, 51.6740



14.7962, 15.2063, 15.0597



20.2952, 13.1645, 1.4713



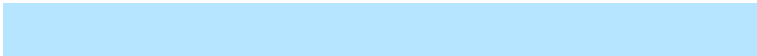
1.5851, 1.1435, 0.1372

Inverse Universe

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



56.0130, 62.1417, 85.3866



65.0220, 72.8582, 105.2437



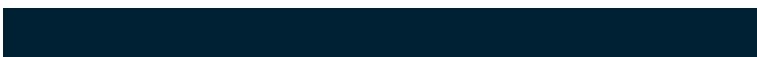
49.6944, 49.5045, 83.2804



14.3517, 15.4247, 18.3652



14.1868, 15.4358, 44.6148



1.1354, 1.3146, 3.3259

Previews

White Background



This preview shows how the XYZ color 60.8551, 59.7702, 49.4037 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 60.8551, 59.7702, 49.4037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

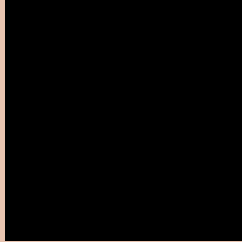
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8551, 59.7702, 49.4037

Background



This preview shows how black text looks on a background with the XYZ color 60.8551, 59.7702, 49.4037.



This preview shows how white text looks on a background with the XYZ color 60.8551, 59.7702,

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

60.8551, 59.7702, 49.4037

Protanopia

56.6440, 59.9636, 51.2365

Deuteranopia

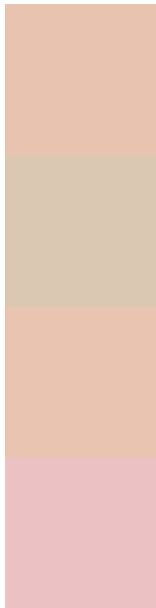
61.1807, 59.9381, 49.4189



Tritanopia

64.5823, 59.9884, 66.5676

Trichromacy



Original Color

60.8551, 59.7702, 49.4037

Protanomaly

57.9036, 59.5830, 50.5683

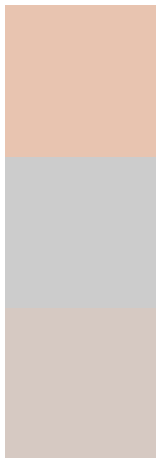
Deuteranomaly

61.1807, 59.9381, 49.4189

Tritanomaly

63.1812, 59.7422, 59.8312

Monochromacy



Original Color

60.8551, 59.7702, 49.4037

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.3558, 59.9645, 59.5376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8551, 59.7702, 49.4037 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(232, 196, 176)` looks like.

```
.text, #text, p{  
    color:rgb(232, 196, 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(232, 196, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 196, 176) }
```

Border

The CSS property to change the border of an element to XYZ 60.8551, 59.7702, 49.4037 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(232, 196, 176) }
```


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

```
.border{ border-color:rgb(232, 196, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 196, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 196, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 196, 176);  
box-shadow:4px 4px 4px 4px rgb(232, 196,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8551, 59.7702, 49.4037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 196, 176) }
```

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

```
.background{ background-color: rgb(232,  
196, 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](#).

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