

Converting Colors

XYZ(61.0367, 57.6011, 44.8451)

Have a look what the booklet for
XYZ(61.0367, 57.6011, 44.8451)
contains.

XYZ(61.2007, 57.7476, 44.9666)	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(61.2007, 57.7476,
44.9666)**

Conversions

Conversions Part 1

Format	Color
Hex	F0BDA8
RGB	240, 189, 168
RGB Percent	94%, 74%, 66%
CMY	0.0588, 0.2588, 0.3412
CMYK	0.00, 0.21, 0.30, 0.06
HSL	18°, 71%, 80%
HSV	18°, 30%, 94%
XYZ	61.2007, 57.7476, 44.9666
YIQ	201.8550, 37.1370, 4.2810

Conversions

Conversions Part 2

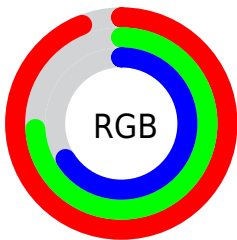
Format	Color
R _Y B	240, 198, 168
Decimal	15777192
CIE Lab	80.60, 15.39, 17.61
CIE LCh	81, 23.386, 48.852
Yxy	57.7476, 0.3734, 0.3523
Android (android.graphics.Color)	4293967272 (0xFFFF0BDA8)
YUV	201.8550, -16.6905, 33.4532
Hunter-Lab	75.9918, 10.7708, 18.1107

Details

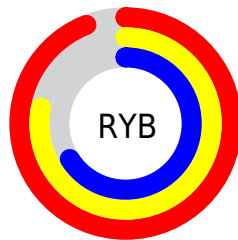
The XYZ color **61.2007, 57.7476, 44.9666** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.2075, 65.2773, 92.0230**, and the grayscale version is **56.1344, 59.0578, 64.3140**.

A 20% lighter version of the original color is **87.2117, 91.8925, 82.9525**, and **31.4850, 28.9366, 20.4489** is the 20% darker color. If you saturate the color by 10%, you get **55.7234, 50.0469, 33.1092**, and if you desaturate by 10%, it is **67.5223, 66.4759, 59.1424**.

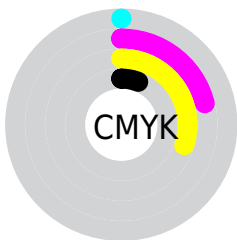
Distribution



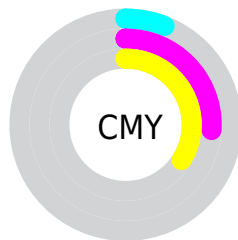
- Red (94%)
- Green (74%)
- Blue (66%)



- Red (94%)
- Yellow (78%)
- Blue (66%)



- Cyan (0%)
- Magenta (21%)
- Yellow (30%)
- Black (6%)



- Cyan (6%)
- Magenta (26%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2007, 57.7476, 44.9666 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 61.2007, 57.7476, 44.9666 by changing the saturation by 10% instead.


 61.2007, 57.7476,
44.9666


 61.2007, 57.7476,
44.9666


418.7737,
416.2448, 382.7945

 44.6403, 41.6058,
31.0884


 105.6659,
101.5552, 83.9882

 31.3743, 28.7927,
20.4071


 134.3015,
129.9898, 109.9687

 21.0372, 18.9241,
12.5043


167.6929,
163.2907, 140.8203

 13.2638, 11.6154,
6.9614


206.2053,
201.8424, 176.9616

 7.6887, 6.4824,
3.3599

250.2043,
246.0293, 218.8111

 3.9465, 3.1406,
1.2812

300.0551,

 1.6719, 1.2056,

296.2357, 266.7874

0.0463

356.1231,
352.8461, 321.3090

■ 0.4386, 0.0662,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2007, 57.7476,
44.9666

■ 61.2007, 57.7476,
44.9666

■ 55.7234, 50.0469,
33.1092

■ 67.5223, 66.4759,
59.1424

■ 51.0484, 43.3271,
23.4422

■ 74.7186, 76.2602,
75.7485

■ 47.1367, 37.5499,
15.8302

■ 82.8242, 87.1377,
94.8933

■ 43.9439, 32.6709,
10.1212

■ 89.7453, 97.2653,
108.6517

■ 41.4205, 28.6421,
6.1418

■ 39.5096, 25.4101,
3.6865

■ 38.1265, 22.9077,
2.4122

■ 38.1265, 22.9076,
2.4121

Harmonies

Analogous

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



64.1133, 57.7476, 54.7010



61.2007, 57.7476, 44.9666



56.6950, 57.7476, 40.3056

Triad

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



61.2007, 57.7476, 44.9666



46.3041, 57.7476, 57.8939



57.9304, 57.7476, 91.4223

Complementary

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



61.2007, 57.7476, 44.9666



57.2075, 65.2773, 92.0230

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.



53.1186, 57.7476, 92.6096



61.2007, 57.7476, 44.9666



46.5919, 57.7476, 71.8303

Square

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



61.2007, 57.7476, 44.9666



48.2134, 57.7476, 47.0092



49.0239, 57.7476, 85.0060



62.1504, 57.7476, 81.9661

Rectangle

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



61.2007, 57.7476, 44.9666



53.4764, 57.7476, 40.1687



49.0239, 57.7476, 85.0060



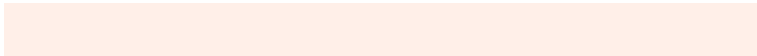
56.3229, 57.7476, 92.8484

Sweetspot

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



61.2022, 57.7503, 44.9678



86.6046, 88.6730, 88.9322



62.8037, 51.6774, 74.0978



18.2620, 18.6085, 18.3926



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.



61.2022, 57.7503, 44.9678



66.2781, 60.7302, 42.9732



69.7668, 74.8795, 47.8226



16.1485, 16.5101, 16.4854



20.9703, 12.7388, 1.3536



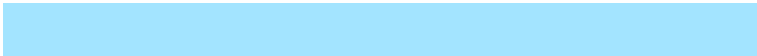
1.8272, 1.2252, 0.1402

Inverse Universe

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



57.2075, 65.2773, 92.0230



60.9989, 70.6350, 105.0267



48.9348, 48.7319, 89.2654



15.8352, 17.1046, 20.1885



16.5975, 19.4193, 48.0014



1.4661, 1.7862, 4.0217

Previews

White Background



This preview shows how the XYZ color 61.2007, 57.7476, 44.9666 looks on a white background.

Color Contrast Check

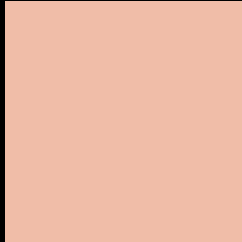
Large Text (above 18pt) WCAG AA × Fail

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 61.2007, 57.7476, 44.9666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

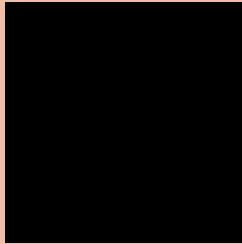
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2007, 57.7476, 44.9666

Background



This preview shows how black text looks on a background with the XYZ color 61.2007, 57.7476, 44.9666.



This preview shows how white text looks on a background with the XYZ color 61.2007, 57.7476,

44.9666.

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

61.2007, 57.7476, 44.9666

Protanopia

54.7754, 58.0273, 47.8486

Deuteranopia

59.0000, 57.9189, 44.6290



Tritanopia

64.6199, 57.8761, 61.7982

Trichromacy



Original Color

61.2007, 57.7476, 44.9666

Protanomaly

56.9094, 57.7923, 46.6837

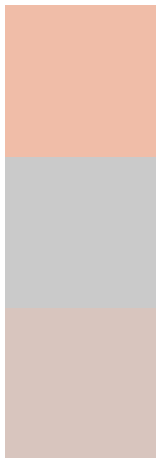
Deuteranomaly

59.7564, 57.9817, 44.6013

Tritanomaly

63.2540, 57.6259, 55.3660

Monochromacy



Original Color

61.2007, 57.7476, 44.9666

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.5794, 58.2491, 56.9236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2007, 57.7476, 44.9666 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(240, 189, 168)` looks like.

```
.text, #text, p{  
    color:rgb(240, 189, 168)  
}
```

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(240, 189, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 189, 168) }
```

Border

The CSS property to change the border of an element to XYZ 61.2007, 57.7476, 44.9666 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(240, 189, 168) }
```


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

```
.border{ border-color:rgb(240, 189, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 189, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 189, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 189, 168);  
box-shadow:4px 4px 4px 4px rgb(240, 189,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2007, 57.7476, 44.9666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 189, 168) }
```

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

```
.background{ background-color: rgb(240,  
189, 168) }
```

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