

Converting Colors

XYZ(61.5915, 57.1520, 45.6050)

Have a look what the booklet for
XYZ(61.5915, 57.1520, 45.6050)
contains.

XYZ(61.6440, 57.3202, 45.8451)	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(61.6440, 57.3202,
45.8451)**

Conversions

Conversions Part 1

Format	Color
Hex	F2BBAA
RGB	242, 187, 170
RGB Percent	95%, 73%, 67%
CMY	0.0510, 0.2666, 0.3333
CMYK	0.00, 0.23, 0.30, 0.05
HSL	14°, 73%, 81%
HSV	14°, 30%, 95%
XYZ	61.6440, 57.3202, 45.8451
YIQ	201.5070, 38.2370, 6.3730

Conversions

Conversions Part 2

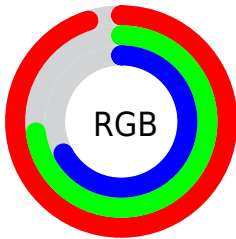
Format	Color
R _Y B	242, 192, 170
Decimal	15907754
CIE Lab	80.36, 17.46, 16.23
CIE LCh	80, 23.840, 42.920
Yxy	57.3202, 0.3740, 0.3478
Android (android.graphics.Color)	4294097834 (0xFFF2BBAA)
YUV	201.5070, -15.5330, 35.5124
Hunter-Lab	75.7101, 12.8440, 17.0949

Details

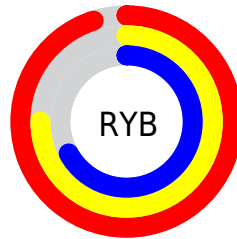
The XYZ color **61.6440, 57.3202, 45.8451** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.5290, 68.8051, 94.1478**, and the grayscale version is **55.9102, 58.8219, 64.0571**.

A 20% lighter version of the original color is **86.8812, 90.7974, 84.1807**, and **31.8027, 28.6725, 20.9977** is the 20% darker color. If you saturate the color by 10%, you get **55.8901, 49.1447, 33.6533**, and if you desaturate by 10%, it is **68.3272, 66.6791, 60.4268**.

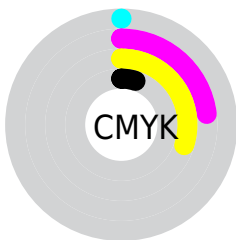
Distribution



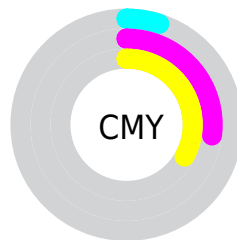
- Red (95%)
- Green (73%)
- Blue (67%)



- Red (95%)
- Yellow (75%)
- Blue (67%)



- Cyan (0%)
- Magenta (23%)
- Yellow (30%)
- Black (5%)





- Cyan (5%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6440, 57.3202, 45.8451 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 61.6440, 57.3202, 45.8451 by changing the saturation by 10% instead.


 61.6440, 57.3202,
45.8451

 61.6440, 57.3202,
45.8451

420.3696,
414.6481, 386.4450

 44.9996, 41.2624,
31.7758


 106.3037,
100.9323, 85.3190

 31.6584, 28.5242,
20.9269


135.0497,
129.2553, 111.5606

 21.2550, 18.7211,
12.8799


168.5603,
162.4355, 142.6969

 13.4240, 11.4690,
7.2161

207.2009,
200.8572, 179.1462

 7.8002, 6.3832,
3.5171

251.3367,
244.9050, 221.3271

 4.0181, 3.0795,
1.3644

301.3332,

 1.7124, 1.1734,

294.9631, 269.6582

0.1137

357.5557,
351.4160, 324.5580

■ 0.4640, 0.0398,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6440, 57.3202,
45.8451

■ 61.6440, 57.3202,
45.8451

■ 55.8901, 49.1447,
33.6533

■ 68.3272, 66.6791,
60.4268

■ 51.0185, 42.0971,
23.7197

■ 75.9745, 77.2582,
77.5135

■ 46.9852, 36.1293,
15.9049

■ 84.6247, 89.1025,
97.2171

■ 43.7401, 31.1865,
10.0526

■ 90.4281, 97.6173,
108.6837

■ 41.2273, 27.2087,
5.9848

■ 39.3827, 24.1292,
3.4902

■ 38.1151, 21.8660,
2.2289

■ 38.0889, 21.8190,
2.2040

Harmonies

Analogous

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



64.1462, 57.3202, 56.5950



61.6440, 57.3202, 45.8451



57.2832, 57.3202, 40.0908

Triad

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



61.6440, 57.3202, 45.8451



45.9964, 57.3202, 54.8488



56.6059, 57.3202, 92.4330

Complementary

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



61.6440, 57.3202, 45.8451



59.5290, 68.8051, 94.1478

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.



51.7720, 57.3202, 91.7789



61.6440, 57.3202, 45.8451



45.8392, 57.3202, 68.6144

Square

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



61.6440, 57.3202, 45.8451



48.3390, 57.3202, 44.7318



47.8958, 57.3202, 82.5547



61.1227, 57.3202, 84.2272

Rectangle

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



61.6440, 57.3202, 45.8451



54.0045, 57.3202, 39.2408



47.8958, 57.3202, 82.5547



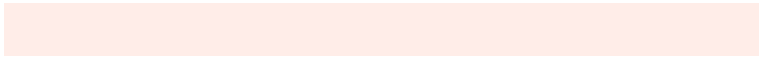
54.9605, 57.3202, 93.2741

Sweetspot

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



61.6455, 57.3229, 45.8463



86.2331, 87.9301, 88.8084



64.6110, 53.0745, 78.2167



18.1711, 18.4266, 18.3623



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.



61.6455, 57.3229, 45.8463



65.1929, 58.5598, 42.6115



70.2083, 74.4485, 48.7005



16.0758, 16.3648, 16.4611



20.5486, 11.8953, 1.2130



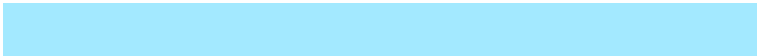
1.7836, 1.1379, 0.1256

Inverse Universe

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



59.5290, 68.8051, 94.1478



62.4245, 73.4861, 105.5019



50.8458, 51.4388, 91.2535



15.9125, 17.2592, 20.2143



18.0226, 22.2695, 48.4764



1.5747, 2.0034, 4.0579

Previews

White Background



This preview shows how the XYZ color 61.6440, 57.3202, 45.8451 looks on a white background.

Color Contrast Check

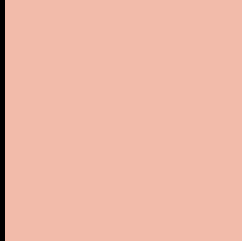
Large Text (above 18pt) WCAG AA × Fail

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 61.6440, 57.3202, 45.8451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

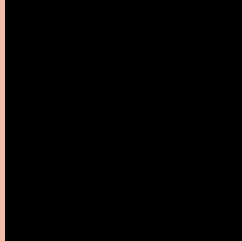
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6440, 57.3202, 45.8451

Background



This preview shows how black text looks on a background with the XYZ color 61.6440, 57.3202, 45.8451.



This preview shows how white text looks on a background with the XYZ color 61.6440, 57.3202,

45.8451.

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

61.6440, 57.3202, 45.8451

Protanopia

54.5544, 57.5367, 49.3047

Deuteranopia

58.6442, 57.3868, 45.5220



Tritanopia

64.6677, 57.3107, 60.4770

Trichromacy



Original Color

61.6440, 57.3202, 45.8451

Protanomaly

56.9739, 57.4584, 48.1321

Deuteranomaly

59.5066, 57.1839, 45.4374

Tritanomaly

63.4184, 57.1019, 54.6930

Monochromacy



Original Color

61.6440, 57.3202, 45.8451

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.8758, 58.4019, 56.9375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6440, 57.3202, 45.8451 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(242, 187, 170)` looks like.

```
.text, #text, p{  
    color:rgb(242, 187, 170)  
}
```

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(242, 187, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 187, 170) }
```

Border

The CSS property to change the border of an element to XYZ 61.6440, 57.3202, 45.8451 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(242, 187, 170) }
```


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

```
.border{ border-color:rgb(242, 187, 170) }
```

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

Here you see how a box with a 4 pixel rgb(242, 187, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 187, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 187, 170);  
box-shadow:4px 4px 4px 4px rgb(242, 187,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6440, 57.3202, 45.8451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 187, 170) }
```

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

```
.background{ background-color: rgb(242,  
187, 170) }
```

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