

Converting Colors

XYZ(61.4149, 57.5215, 55.8394)

Have a look what the booklet for
XYZ(61.4149, 57.5215, 55.8394)
contains.

XYZ(61.6439, 57.7315, 56.0384)	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(61.6439, 57.7315,
56.0384)**

Conversions

Conversions Part 1

Format	Color
Hex	EBBDBD
RGB	235, 189, 189
RGB Percent	92%, 74%, 74%
CMY	0.0784, 0.2588, 0.2588
CMYK	0.00, 0.20, 0.20, 0.08
HSL	0°, 53%, 83%
HSV	0°, 20%, 92%
XYZ	61.6439, 57.7315, 56.0384
YIQ	202.7540, 27.4160, 9.7520

Conversions

Conversions Part 2

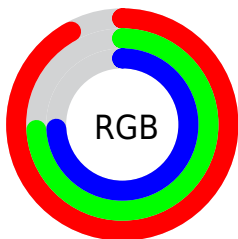
Format	Color
R _Y B	235, 189, 189
Decimal	15449533
CIE Lab	80.59, 16.47, 6.26
CIE LCh	81, 17.615, 20.802
Yxy	57.7315, 0.3514, 0.3291
Android (android.graphics.Color)	4293639613 (0xFFE8BDBD)
YUV	202.7540, -6.7807, 28.2797
Hunter-Lab	75.9812, 11.8506, 9.4588

Details

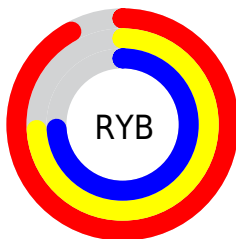
The XYZ color **61.6439, 57.7315, 56.0384** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.6894, 76.2318, 89.8499**, and the grayscale version is **56.6409, 59.5907, 64.8942**.

A 20% lighter version of the original color is **90.3738, 93.1574, 99.6042**, and **31.8385, 28.9696, 27.2062** is the 20% darker color. If you saturate the color by 10%, you get **54.6454, 47.4911, 42.1235**, and if you desaturate by 10%, it is **69.8778, 69.7802, 72.4055**.

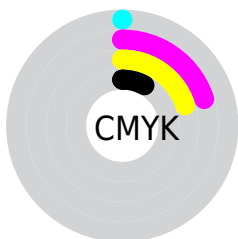
Distribution



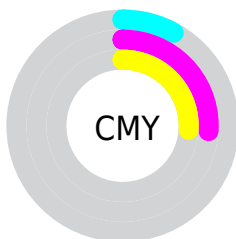
- Red (92%)
- Green (74%)
- Blue (74%)



- Red (92%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (8%)





- Cyan (8%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6439, 57.7315, 56.0384 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 61.6439, 57.7315, 56.0384 by changing the saturation by 10% instead.

 61.6439, 57.7315,
56.0384

 61.6439, 57.7315,
56.0384


420.3693,
416.1847, 427.2286

 44.9995, 41.5928,
39.8295


 106.3035,
101.5318, 100.5471

 31.6583, 28.7826,
27.0929


135.0495,
129.9621, 129.6839

 21.2549, 18.9164,
17.4099


168.5601,
163.2585, 163.9672

 13.4240, 11.6099,
10.3621

207.2006,
201.8054, 203.8154

 7.8002, 6.4786,
5.5310

251.3365,
245.9870, 249.6471

 4.0181, 3.1383,
2.4979

301.3329,

 1.7124, 1.2043,

296.1878, 301.8809

0.8391

357.5554,
352.7923, 360.9352

0.4640, 0.0652,
0.0000

0.0000, 0.0000,
0.0000

61.6439, 57.7315,
56.0384

61.6439, 57.7315,
56.0384

54.6454, 47.4911,
42.1235

69.8778, 69.7802,
72.4055

48.8183, 38.9643,
30.5395

79.3976, 83.7102,
91.3310

44.1000, 32.0601,
21.1600

88.0712, 96.4023,
108.5734

40.4203, 26.6755,
13.8452

■ 37.7009, 22.6962,
8.4396

■ 35.8524, 19.9911,
4.7654

■ 34.7688, 18.4053,
2.6118

■ 34.2778, 17.6867,
1.6360

■ 34.2615, 17.6628,
1.6035

Harmonies

Analogous

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



62.0386, 57.7315, 66.1023



61.6439, 57.7315, 56.0384



59.3926, 57.7315, 48.6339

Triad

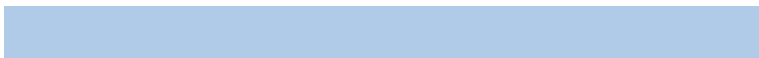
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.6439, 57.7315, 56.0384



49.6495, 57.7315, 51.0772



53.7663, 57.7315, 84.6781

Complementary

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



61.6439, 57.7315, 56.0384



65.6894, 76.2318, 89.8499

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.



50.5869, 57.7315, 79.6201



61.6439, 57.7315, 56.0384



48.2798, 57.7315, 59.7251

Square

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



61.6439, 57.7315, 56.0384



52.4355, 57.7315, 45.9960



48.6153, 57.7315, 70.2134



57.3830, 57.7315, 83.4112

Rectangle

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



61.6439, 57.7315, 56.0384



57.1943, 57.7315, 45.8410



48.6153, 57.7315, 70.2134



52.6135, 57.7315, 83.6421

Sweetspot

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



61.6455, 57.7341, 56.0396



87.9959, 89.6780, 94.8763



67.4546, 60.0563, 86.6346



18.6778, 18.9651, 19.9955



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, 57.7341, 56.0396



71.0639, 64.9020, 61.2155



66.9904, 68.4240, 57.8212



15.0656, 15.0543, 15.6304



19.0680, 9.8302, 0.8924



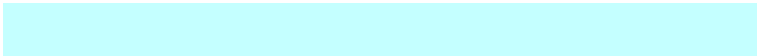
1.4973, 0.7720, 0.0701

Inverse Universe

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



65.6894, 76.2318, 89.8499



76.6643, 90.5192, 108.0391



59.5258, 63.9047, 87.7953



15.5176, 17.1217, 19.4092



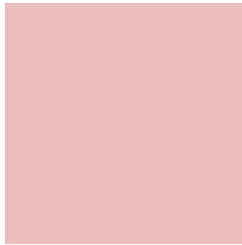
24.8762, 36.3993, 49.4576



1.9534, 2.8583, 3.8836

Previews

White Background



This preview shows how the XYZ color 61.6439, 57.7315, 56.0384 looks on a white background.

Color Contrast Check

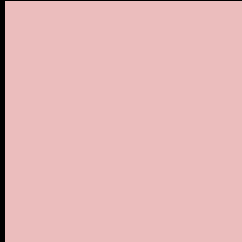
Large Text (above 18pt) WCAG AA × Fail

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 61.6439, 57.7315, 56.0384 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 61.6439, 57.7315, 56.0384

Background



This preview shows how black text looks on a background with the XYZ color 61.6439, 57.7315, 56.0384.



This preview shows how white text looks on a background with the XYZ color 61.6439, 57.7315,

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

61.6439, 57.7315, 56.0384

Protanopia

55.4506, 57.7661, 59.8572

Deuteranopia

58.8875, 57.6181, 55.5946



Tritanopia

63.3560, 57.8094, 63.6962

Trichromacy



Original Color

61.6439, 57.7315, 56.0384

Protanomaly

57.4596, 57.4794, 58.5183

Deuteranomaly

59.9216, 57.8241, 55.5799

Tritanomaly

62.6533, 57.8305, 60.6835

Monochromacy



Original Color

61.6439, 57.7315, 56.0384

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.4115, 58.9125, 61.7187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6439, 57.7315, 56.0384 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, 189, 189)` looks like.

```
.text, #text, p{  
    color:rgb(235, 189, 189)  
}
```

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, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 189, 189) }
```

Border

The CSS property to change the border of an element to XYZ 61.6439, 57.7315, 56.0384 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, 189, 189) }
```


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

```
.border{ border-color:rgb(235, 189, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 189, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 189, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 189, 189); box-shadow:4px 4px 4px 4px rgb(235, 189, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6439, 57.7315, 56.0384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 189, 189) }
```

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

```
.background{ background-color: rgb(235,  
189, 189) }
```

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