

Converting Colors

XYZ(61.5361, 58.7584, 45.6161)

Have a look what the booklet for
XYZ(61.5361, 58.7584, 45.6161)
contains.

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Color

**XYZ(61.6077, 58.9146,
45.6607)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC0A9
RGB	239, 192, 169
RGB Percent	94%, 75%, 66%
CMY	0.0627, 0.2470, 0.3372
CMYK	0.00, 0.20, 0.29, 0.06
HSL	20°, 69%, 80%
HSV	20°, 29%, 94%
XYZ	61.6077, 58.9146, 45.6607
YIQ	203.4310, 35.3950, 2.8110

Conversions

Conversions Part 2

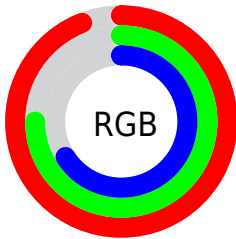
Format	Color
R _Y B	239, 203, 169
Decimal	15712425
CIE Lab	81.24, 13.56, 17.96
CIE LCh	81, 22.504, 52.956
Yxy	58.9146, 0.3707, 0.3545
Android (android.graphics.Color)	4293902505 (0xFFEFC0A9)
YUV	203.4310, -16.9745, 31.1940
Hunter-Lab	76.7558, 8.9494, 18.4585

Details

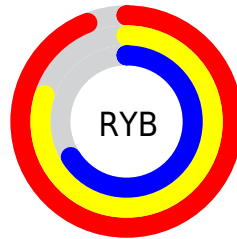
The XYZ color **61.6077, 58.9146, 45.6607** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.4973, 63.7768, 90.9940**, and the grayscale version is **57.1249, 60.0998, 65.4487**.

A 20% lighter version of the original color is **88.2619, 93.7766, 83.9698**, and **31.5908, 29.4064, 20.8406** is the 20% darker color. If you saturate the color by 10%, you get **56.2330, 51.4334, 33.7930**, and if you desaturate by 10%, it is **67.7798, 67.3335, 59.8188**.

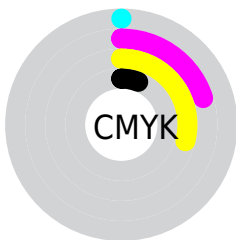
Distribution



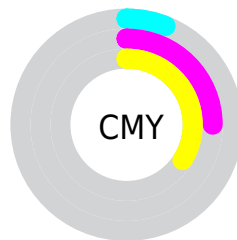
- Red (94%)
- Green (75%)
- Blue (66%)



- Red (94%)
- Yellow (80%)
- Blue (66%)



- Cyan (0%)
- Magenta (20%)
- Yellow (29%)
- Black (6%)



- Cyan (6%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6077, 58.9146, 45.6607 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 61.6077, 58.9146, 45.6607 by changing the saturation by 10% instead.

61.6077, 58.9146,
45.6607

61.6077, 58.9146,
45.6607

420.2391,
420.5854, 385.6807

44.9702, 42.5444,
31.6314

106.2515,
103.2535, 85.0399

31.6351, 29.5278,
20.8176

134.9885,
131.9910, 111.2269

21.2371, 19.4804,
12.8008

168.4893,
165.6198, 142.3036

13.4109, 12.0179,
7.1624

207.1194,
204.5241, 178.6885

7.7910, 6.7559,
3.4839

251.2441,
249.0884, 220.8001

4.0122, 3.3099,
1.3467

301.2287,

1.7090, 1.2956,

299.6971, 269.0570

0.0996

357.4385,
356.7347, 323.8777

0.4619, 0.1378,
0.0000

0.0000, 0.0000,
0.0000

61.6077, 58.9146,
45.6607

61.6077, 58.9146,
45.6607

56.2330, 51.4334,
33.7930

67.7798, 67.3335,
59.8188

51.6164, 44.8484,
24.0901

74.7770, 76.7137,
76.3765

47.7220, 39.1265,
16.4200

82.6314, 87.0879,
95.4401

44.5089, 34.2296,
10.6344

89.4067, 97.0908,
108.6359

■ 41.9315, 30.1163,
6.5645

■ 39.9373, 26.7407,
4.0106

■ 38.4519, 24.0462,
2.6636

■ 38.3600, 23.8774,
2.5870

Harmonies

Analogous

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



64.7189, 58.9146, 54.5917



61.6077, 58.9146, 45.6607



57.1099, 58.9146, 41.7757

Triad

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



61.6077, 58.9146, 45.6607



47.5138, 58.9146, 61.0321



59.5884, 58.9146, 90.9937

Complementary

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



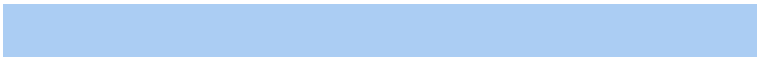
61.6077, 58.9146, 45.6607



56.4973, 63.7768, 90.9940

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.



54.8977, 58.9146, 93.3501



61.6077, 58.9146, 45.6607



48.0954, 58.9146, 74.7590

Square

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



61.6077, 58.9146, 45.6607



49.1017, 58.9146, 49.8112



50.7369, 58.9146, 87.0529



63.5084, 58.9146, 81.0013

Rectangle

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



61.6077, 58.9146, 45.6607



53.9987, 58.9146, 42.1242



50.7369, 58.9146, 87.0529



58.0431, 58.9146, 92.7574

Sweetspot

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



61.6092, 58.9173, 45.6619



86.8528, 89.1694, 89.0150



62.2878, 51.7284, 72.2342



18.3229, 18.7302, 18.4129



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.



61.6092, 58.9173, 45.6619



67.6333, 63.0706, 44.5655



70.0001, 75.6991, 48.4589



16.1971, 16.6073, 16.5016



21.3051, 13.4083, 1.4652



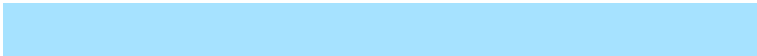
1.8599, 1.2905, 0.1511

Inverse Universe

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



56.4973, 63.7768, 90.9940



60.8299, 69.5127, 104.8190



48.6367, 48.0554, 88.3738



15.7842, 17.0024, 20.1715



15.7253, 17.6748, 47.7106



1.3987, 1.6513, 3.9992

Previews

White Background



This preview shows how the XYZ color 61.6077, 58.9146, 45.6607 looks on a white background.

Color Contrast Check

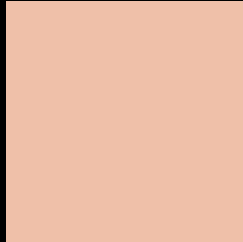
Large Text (above 18pt) WCAG AA × Fail

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 61.6077, 58.9146, 45.6607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

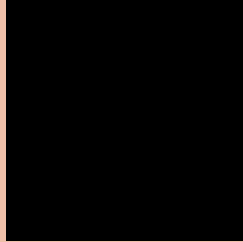
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6077, 58.9146, 45.6607

Background



This preview shows how black text looks on a background with the XYZ color 61.6077, 58.9146, 45.6607.



This preview shows how white text looks on a background with the XYZ color 61.6077, 58.9146,

45.6607.

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

61.6077, 58.9146, 45.6607

Protanopia

55.9119, 59.2941, 48.5424

Deuteranopia

60.0575, 58.7718, 45.7148



Tritanopia

65.3931, 58.8596, 63.7916

Trichromacy



Original Color

61.6077, 58.9146, 45.6607

Protanomaly

57.7647, 58.8963, 47.3533

Deuteranomaly

60.4923, 58.6667, 45.6716

Tritanomaly

64.1098, 58.9901, 56.7225

Monochromacy



Original Color

61.6077, 58.9146, 45.6607

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.1463, 59.2074, 57.6537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6077, 58.9146, 45.6607 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(239, 192, 169)` looks like.

```
.text, #text, p{  
    color:rgb(239, 192, 169)  
}
```

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(239, 192, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 192, 169) }
```

Border

The CSS property to change the border of an element to XYZ 61.6077, 58.9146, 45.6607 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(239, 192, 169) }
```


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

```
.border{ border-color:rgb(239, 192, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 192, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 192, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 192, 169);  
box-shadow:4px 4px 4px 4px rgb(239, 192,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6077, 58.9146, 45.6607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 192, 169) }
```

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

```
.background{ background-color: rgb(239,  
192, 169) }
```

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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