

Converting Colors

XYZ(61.1915, 58.0392, 46.4278)

Have a look what the booklet for
XYZ(61.1915, 58.0392, 46.4278)
contains.

XYZ(61.3607, 58.1179, 46.5119)	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(61.3607, 58.1179,
46.5119)**

Conversions

Conversions Part 1

Format	Color
Hex	EFBEAB
RGB	239, 190, 171
RGB Percent	94%, 75%, 67%
CMY	0.0627, 0.2549, 0.3294
CMYK	0.00, 0.20, 0.28, 0.06
HSL	17°, 68%, 80%
HSV	17°, 28%, 94%
XYZ	61.3607, 58.1179, 46.5119
YIQ	202.4850, 35.3030, 4.4790

Conversions

Conversions Part 2

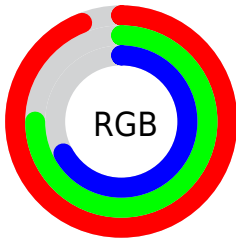
Format	Color
R _Y B	239, 197, 171
Decimal	15711915
CIE Lab	80.80, 14.88, 16.28
CIE LCh	81, 22.052, 47.577
Yxy	58.1179, 0.3697, 0.3501
Android (android.graphics.Color)	4293901995 (0xFFEFBEAB)
YUV	202.4850, -15.5221, 32.0237
Hunter-Lab	76.2351, 10.2611, 17.1911

Details

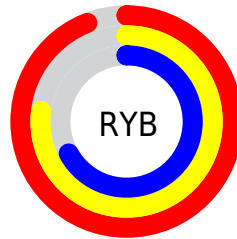
The XYZ color **61.3607, 58.1179, 46.5119** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.9670, 66.0742, 91.3599**, and the grayscale version is **56.5219, 59.4654, 64.7578**.

A 20% lighter version of the original color is **87.9232, 92.6625, 85.2031**, and **31.5668, 29.1683, 21.4191** is the 20% darker color. If you saturate the color by 10%, you get **55.7736, 50.2655, 34.4082**, and if you desaturate by 10%, it is **67.8035, 67.0218, 60.9343**.

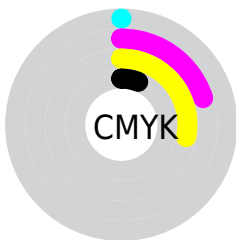
Distribution



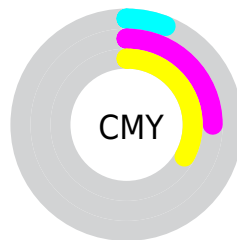
- Red (94%)
- Green (75%)
- Blue (67%)



- Red (94%)
- Yellow (77%)
- Blue (67%)



- Cyan (0%)
- Magenta (20%)
- Yellow (28%)
- Black (6%)





- Cyan (6%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3607, 58.1179, 46.5119 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 61.3607, 58.1179, 46.5119 by changing the saturation by 10% instead.


 61.3607, 58.1179,
46.5119

 61.3607, 58.1179,
46.5119


419.3501,
417.6251, 389.2001

 44.7700, 41.9034,
32.2984


 105.8962,
102.0945, 86.3269

 31.4768, 29.0257,
21.3228


134.5717,
130.6255, 112.7655

 21.1158, 19.1003,
13.1666


168.0061,
164.0307, 144.1162

 13.3216, 11.7427,
7.4113

206.5648,
202.6947, 180.7975

 7.7289, 6.5688,
3.6383

250.6133,
247.0017, 223.2280

 3.9723, 3.1939,
1.4291

300.5167,

 1.6865, 1.2338,

297.3362, 271.8263

0.1643

356.6405,
354.0825, 327.0108

■ 0.4478, 0.0890,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3607, 58.1179,
46.5119

■ 61.3607, 58.1179,
46.5119

■ 55.7736, 50.2655,
34.4082

■ 67.8035, 67.0218,
60.9343

■ 51.0001, 43.4172,
24.4974

■ 75.1326, 77.0065,
77.7848

■ 47.0013, 37.5335,
16.6475

■ 83.3824, 88.1100,
97.1701

■ 43.7330, 32.5693,
10.7104

■ 89.4066, 97.0907,
108.6359

■ 41.1460, 28.4756,
6.5180

■ 39.1842, 25.1980,
3.8722

■ 37.7737, 22.6724,
2.4916

■ 37.5917, 22.3409,
2.3309

Harmonies

Analogous

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



64.0163, 58.1179, 56.0039



61.3607, 58.1179, 46.5119



57.1449, 58.1179, 41.8097

Triad

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



61.3607, 58.1179, 46.5119



47.1200, 58.1179, 58.0365



57.9267, 58.1179, 90.3305

Complementary

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



61.3607, 58.1179, 46.5119



57.9670, 66.0742, 91.3599

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.



53.3766, 58.1179, 91.0727



61.3607, 58.1179, 46.5119



47.3036, 58.1179, 71.1616

Square

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



61.3607, 58.1179, 46.5119



49.0231, 58.1179, 47.8231



49.5392, 58.1179, 83.6609



61.9600, 58.1179, 81.7542

Rectangle

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



61.3607, 58.1179, 46.5119



54.0925, 58.1179, 41.5310



49.5392, 58.1179, 83.6609



56.4023, 58.1179, 91.5429

Sweetspot

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



61.3622, 58.1206, 46.5131



86.5224, 88.5087, 88.9048



63.1933, 52.6905, 75.1535



18.2419, 18.5683, 18.3859



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.



61.3622, 58.1206, 46.5131



67.3024, 62.0314, 45.6185



69.3709, 74.1379, 49.1826



16.1324, 16.4780, 16.4800



20.8690, 12.5361, 1.3198



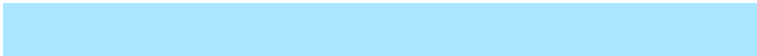
1.8171, 1.2048, 0.1368

Inverse Universe

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



57.9670, 66.0742, 91.3599



62.7736, 72.6003, 105.3125



50.1172, 50.3747, 88.7433



15.8522, 17.1386, 20.1942



16.9000, 20.0243, 48.1022



1.4893, 1.8326, 4.0295

Previews

White Background



This preview shows how the XYZ color 61.3607, 58.1179, 46.5119 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 61.3607, 58.1179, 46.5119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

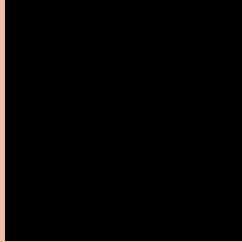
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3607, 58.1179, 46.5119

Background



This preview shows how black text looks on a background with the XYZ color 61.3607, 58.1179, 46.5119.



This preview shows how white text looks on a background with the XYZ color 61.3607, 58.1179,

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

61.3607, 58.1179, 46.5119

Protanopia

55.0691, 58.1448, 49.3949

Deuteranopia

59.2807, 58.0311, 46.1069



Tritanopia

64.6022, 58.1652, 62.4657

Trichromacy



Original Color

61.3607, 58.1179, 46.5119

Protanomaly

57.1987, 57.9080, 48.2071

Deuteranomaly

60.0370, 58.0940, 46.0792

Tritanomaly

63.2313, 57.9155, 55.9903

Monochromacy



Original Color

61.3607, 58.1179, 46.5119

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.6224, 58.5968, 57.5635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3607, 58.1179, 46.5119 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, 190, 171)` looks like.

```
.text, #text, p{  
    color:rgb(239, 190, 171)  
}
```

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, 190, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 190, 171) }
```

Border

The CSS property to change the border of an element to XYZ 61.3607, 58.1179, 46.5119 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, 190, 171) }
```


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

```
.border{ border-color:rgb(239, 190, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 190, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 190, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 190, 171);  
box-shadow:4px 4px 4px 4px rgb(239, 190,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3607, 58.1179, 46.5119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 190, 171) }
```

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

```
.background{ background-color: rgb(239,  
190, 171) }
```

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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