

Converting Colors

XYZ(61.1130, 56.3691, 59.4638)

Have a look what the booklet for
XYZ(61.1130, 56.3691, 59.4638)
contains.

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Color

**XYZ(61.0135, 56.3816,
59.2967)**

Conversions

Conversions Part 1

Format	Color
Hex	E9BAC3
RGB	233, 186, 195
RGB Percent	91%, 73%, 76%
CMY	0.0863, 0.2706, 0.2353
CMYK	0.00, 0.20, 0.16, 0.09
HSL	349°, 52%, 82%
HSV	349°, 20%, 91%
XYZ	61.0135, 56.3816, 59.2967
YIQ	201.0790, 25.1230, 12.7630

Conversions

Conversions Part 2

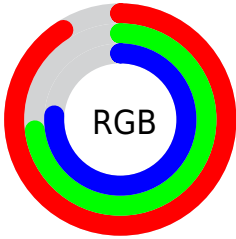
Format	Color
R _Y B	233, 186, 195
Decimal	15317699
CIE Lab	79.83, 18.26, 1.90
CIE LCh	80, 18.356, 5.940
Yxy	56.3816, 0.3453, 0.3191
Android (android.graphics.Color)	4293507779 (0xFFE9BAC3)
YUV	201.0790, -2.9969, 27.9947
Hunter-Lab	75.0877, 13.6391, 5.7401

Details

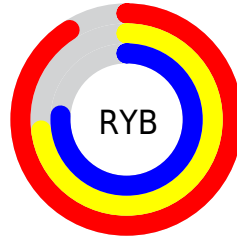
The XYZ color **61.0135, 56.3816, 59.2967** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.8454, 74.1001, 81.5151**, and the grayscale version is **55.5747, 58.4689, 63.6727**.

A 20% lighter version of the original color is **90.5628, 91.7925, 105.0400**, and **31.3267, 28.0453, 28.9615** is the 20% darker color. If you saturate the color by 10%, you get **54.5019, 46.5547, 47.2713**, and if you desaturate by 10%, it is **68.5974, 67.9218, 73.0069**.

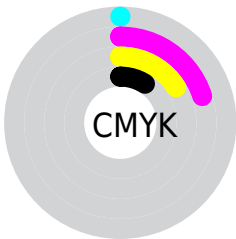
Distribution



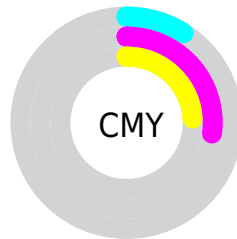
- Red (91%)
- Green (73%)
- Blue (76%)



- Red (91%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (20%)
- Yellow (16%)
- Black (9%)





- Cyan (9%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0135, 56.3816, 59.2967 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 61.0135, 56.3816, 59.2967 by changing the saturation by 10% instead.


 61.0135, 56.3816,
59.2967

 61.0135, 56.3816,
59.2967


418.0986,
411.1280, 439.7330

 44.4886, 40.5090,
42.4304


 105.3965, 99.5623,
105.3421

 31.2544, 27.9356,
29.1104

133.9853,
127.6391, 135.3584

 20.9454, 18.2771,
18.9180


167.3262,
160.5528, 170.5950

 13.1963, 11.1491,
11.4349

205.7845,
198.6878, 211.4705

 7.6418, 6.1672,
6.2423

249.7255,
242.4284, 258.4036

 3.9165, 2.9470,
2.9218

299.5146,

 1.6550, 1.1041,

292.1590, 311.8127

1.0548

355.5172,
348.2641, 372.1163

■ 0.4279, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0135, 56.3816,
59.2967

■ 61.0135, 56.3816,
59.2967

■ 54.5019, 46.5547,
47.2713

■ 68.5974, 67.9218,
73.0069

■ 49.0092, 38.3520,
36.8618

■ 77.2944, 81.2437,
88.4601

■ 44.4844, 31.6878,
27.9995

■ 86.8594, 95.8417,
105.6197

■ 40.8702, 26.4657,
20.6095

■ 87.4145, 96.0638,
108.5427

■ 38.1031, 22.5781,
14.6106

■ 36.1110, 19.9024,
9.9131

■ 34.8096, 18.2930,
6.4165

■ 34.0705, 17.5102,
4.0265

Harmonies

Analogous

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



60.3808, 56.3816, 70.1149



61.0135, 56.3816, 59.2967



59.5837, 56.3816, 50.1470

Triad

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



61.0135, 56.3816, 59.2967



49.5042, 56.3816, 46.2700



50.7289, 56.3816, 82.0321

Complementary

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



61.0135, 56.3816, 59.2967



62.8454, 74.1001, 81.5151

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.



48.0105, 56.3816, 74.1991



61.0135, 56.3816, 59.2967



47.3267, 56.3816, 53.4207

Square

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



61.0135, 56.3816, 59.2967



52.8530, 56.3816, 43.2054



46.7927, 56.3816, 63.5319



54.3318, 56.3816, 84.0719

Rectangle

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



61.0135, 56.3816, 59.2967



57.6905, 56.3816, 45.9517



46.7927, 56.3816, 63.5319



49.6867, 56.3816, 79.9484

Sweetspot

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



61.0151, 56.3842, 59.2979



88.4335, 89.8523, 97.1826



62.8853, 56.7872, 84.7379



18.7808, 19.0062, 20.5383



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.



61.0151, 56.3842, 59.2979



71.5690, 64.1873, 66.7011



63.1465, 62.2260, 55.1402



15.1833, 15.1012, 16.2504



19.3661, 9.9491, 2.4631



1.5534, 0.7943, 0.3658

Inverse Universe

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



61.0151, 56.3842, 59.2979



71.5690, 64.1873, 66.7011



60.2652, 66.9351, 86.8348



15.1833, 15.1012, 16.2504



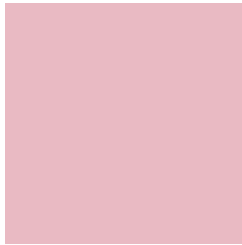
19.3661, 9.9491, 2.4631



1.5534, 0.7943, 0.3658

Previews

White Background



This preview shows how the XYZ color 61.0135, 56.3816, 59.2967 looks on a white background.

Color Contrast Check

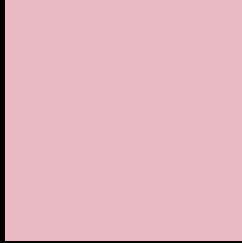
Large Text (above 18pt) WCAG AA × Fail

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 61.0135, 56.3816, 59.2967 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 61.0135, 56.3816, 59.2967

Background



This preview shows how black text looks on a background with the XYZ color 61.0135, 56.3816, 59.2967.



This preview shows how white text looks on a background with the XYZ color 61.0135, 56.3816,

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

61.0135, 56.3816, 59.2967

Protanopia

54.5963, 56.5671, 63.2993

Deuteranopia

57.8007, 56.6544, 58.9279



Tritanopia

61.7060, 56.3605, 62.2700

Trichromacy



Original Color

61.0135, 56.3816, 59.2967

Protanomaly

56.8193, 56.4096, 61.9263

Deuteranomaly

58.8915, 56.5692, 58.8540

Tritanomaly

61.4737, 56.2676, 61.0468

Monochromacy



Original Color

61.0135, 56.3816, 59.2967

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.4893, 57.7495, 62.1496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0135, 56.3816, 59.2967 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(233, 186, 195)` looks like.

```
.text, #text, p{  
    color:rgb(233, 186, 195)  
}
```

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(233, 186, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 186, 195) }
```

Border

The CSS property to change the border of an element to XYZ 61.0135, 56.3816, 59.2967 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(233, 186, 195) }
```


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

```
.border{ border-color:rgb(233, 186, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 186, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 186, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 186, 195);  
box-shadow:4px 4px 4px 4px rgb(233, 186,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0135, 56.3816, 59.2967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 186, 195) }
```

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

```
.background{ background-color: rgb(233,  
186, 195) }
```

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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