

Converting Colors

XYZ(60.2985, 58.0458, 44.7990)

Have a look what the booklet for
XYZ(60.2985, 58.0458, 44.7990)
contains.

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Color

**XYZ(60.1979, 57.8845,
44.5593)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | ECBFA7 |
| RGB | 236, 191, 167 |
| RGB Percent | 93%, 75%, 65% |
| CMY | 0.0745, 0.2510, 0.3451 |
| CMYK | 0.00, 0.19, 0.29, 0.07 |
| HSL | 21°, 64%, 79% |
| HSV | 21°, 29%, 93% |
| XYZ | 60.1979, 57.8845, 44.5593 |
| YIQ | 201.7190, 34.5240, 2.0760 |

Conversions

Conversions Part 2

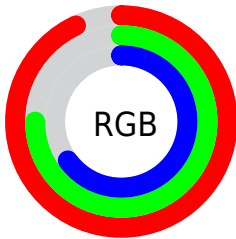
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 236, 204, 167 |
| Decimal | 15515559 |
| CIE Lab | 80.67, 12.69, 18.19 |
| CIE LCh | 81, 22.181, 55.106 |
| Yxy | 57.8845, 0.3701, 0.3559 |
| Android (android.graphics.Color) | 4293705639 (0xFFECBFA7) |
| YUV | 201.7190, -17.1165, 30.0644 |
| Hunter-Lab | 76.0819, 8.0905, 18.5326 |

Details

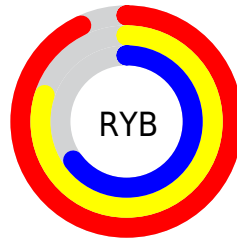
The XYZ color **60.1979, 57.8845, 44.5593** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.6194, 61.3566, 88.3212**, and the grayscale version is **56.0534, 58.9725, 64.2211**.

A 20% lighter version of the original color is **87.6856, 93.0555, 82.4472**, and **30.7734, 28.9985, 20.1950** is the 20% darker color. If you saturate the color by 10%, you get **55.0307, 50.7287, 33.0376**, and if you desaturate by 10%, it is **66.1190, 65.9103, 58.2978**.

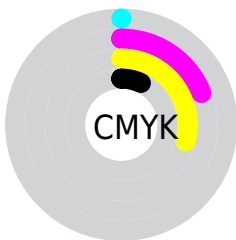
Distribution



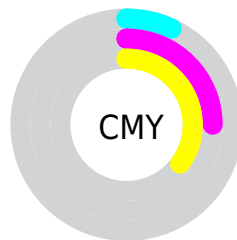
- Red (93%)
- Green (75%)
- Blue (65%)



- Red (93%)
- Yellow (80%)
- Blue (65%)



- Cyan (0%)
- Magenta (19%)
- Yellow (29%)
- Black (7%)





- Cyan (7%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1979, 57.8845, 44.5593 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 60.1979, 57.8845, 44.5593 by changing the saturation by 10% instead.


 60.1979, 57.8845,
44.5593


 60.1979, 57.8845,
44.5593


415.1499,
416.7554, 381.0937

 43.8282, 41.7158,
30.7700


 104.2214,
101.7546, 83.3701

 30.7328, 28.8788,
20.1668


 132.6060,
130.2249, 109.2288

 20.5463, 18.9892,
12.3311

165.7262,
163.5644, 139.9476

 12.9033, 11.6625,
6.8443

203.9474,
202.1576, 175.9452

 7.4386, 6.5143,
3.2879

247.6351,
246.3890, 217.6400

 3.7866, 3.1602,
1.2435

297.1545,

 1.5821, 1.2160,

296.6428, 265.4507

0.0148

352.8710,
353.3035, 319.7958

■ 0.3807, 0.0747,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1979, 57.8845,
44.5593

■ 60.1979, 57.8845,
44.5593

■ 55.0307, 50.7287,
33.0376

■ 66.1190, 65.9103,
58.2978

■ 50.5804, 44.4044,
23.6113

■ 72.8198, 74.8268,
74.3584

■ 46.8132, 38.8822,
16.1527

■ 80.3304, 84.6640,
92.8441

■ 43.6909, 34.1273,
10.5188

■ 87.6301, 95.0288,
108.3315

■ 41.1704, 30.1023,
6.5463

■ 88.4021, 96.5729,
108.5889

■ 39.2024, 26.7658,
4.0427

■ 37.7166, 24.0661,
2.7091

■ 37.6172, 23.8831,
2.6273

Harmonies

Analogous

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



63.3626, 57.8845, 52.9419



60.1979, 57.8845, 44.5593



55.7703, 57.8845, 41.1338

Triad

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



60.1979, 57.8845, 44.5593



46.7199, 57.8845, 60.9043



58.8300, 57.8845, 88.6662

Complementary

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



60.1979, 57.8845, 44.5593



54.6194, 61.3566, 88.3212

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.



54.2714, 57.8845, 91.5668



60.1979, 57.8845, 44.5593



47.4392, 57.8845, 74.3165

Square

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



60.1979, 57.8845, 44.5593



48.1214, 57.8845, 49.7007



50.1431, 57.8845, 85.9986



62.5428, 57.8845, 78.5435

Rectangle

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



60.1979, 57.8845, 44.5593



52.7595, 57.8845, 41.7218



50.1431, 57.8845, 85.9986



57.3390, 57.8845, 90.5727

Sweetspot

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



60.1994, 57.8872, 44.5605



86.9828, 89.4294, 89.0583



60.4214, 50.2750, 69.4707



18.3547, 18.7940, 18.4236



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.



60.1994, 57.8872, 44.5605



68.0208, 63.8457, 44.6946



68.3576, 74.2036, 47.2799



15.4940, 15.9111, 15.7732



20.8446, 13.3834, 1.4846



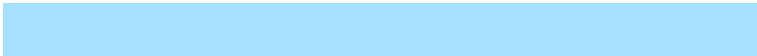
1.7239, 1.2252, 0.1456

Inverse Universe

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



54.6194, 61.3566, 88.3212



60.3658, 68.5845, 104.6643



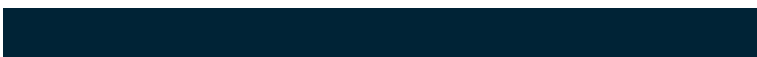
47.0974, 46.3125, 85.8139



15.0510, 16.1885, 19.2537



14.8315, 16.3100, 46.1094



1.2540, 1.4595, 3.6505

Previews

White Background



This preview shows how the XYZ color 60.1979, 57.8845, 44.5593 looks on a white background.

Color Contrast Check

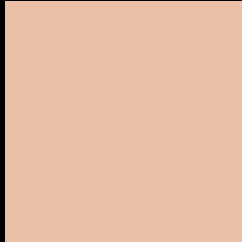
Large Text (above 18pt) WCAG AA × Fail

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 60.1979, 57.8845, 44.5593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

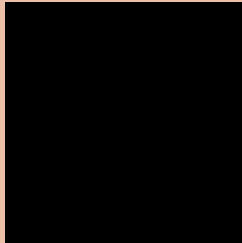
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1979, 57.8845, 44.5593

Background



This preview shows how black text looks on a background with the XYZ color 60.1979, 57.8845, 44.5593.



This preview shows how white text looks on a background with the XYZ color 60.1979, 57.8845,

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

60.1979, 57.8845, 44.5593

Protanopia

54.8689, 58.0977, 46.8502

Deuteranopia

59.3237, 58.0858, 44.6442



Tritanopia

64.0367, 57.8601, 63.0514

Trichromacy



Original Color

60.1979, 57.8845, 44.5593

Protanomaly

56.7372, 58.0504, 46.2447

Deuteranomaly

59.4290, 57.8129, 44.5860

Tritanomaly

62.7651, 57.9913, 56.0295

Monochromacy



Original Color

60.1979, 57.8845, 44.5593

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.1109, 58.3584, 56.3983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1979, 57.8845, 44.5593 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(236, 191, 167)` looks like.

```
.text, #text, p{  
    color:rgb(236, 191, 167)  
}
```

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(236, 191, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 191, 167) }
```

Border

The CSS property to change the border of an element to XYZ 60.1979, 57.8845, 44.5593 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(236, 191, 167) }
```


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

```
.border{ border-color:rgb(236, 191, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 191, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 191, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 191, 167);  
box-shadow:4px 4px 4px 4px rgb(236, 191,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1979, 57.8845, 44.5593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 191, 167) }
```

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

```
.background{ background-color: rgb(236,  
191, 167) }
```

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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