

Converting Colors

XYZ(58.9224, 56.6804, 45.4297)

Have a look what the booklet for
XYZ(58.9224, 56.6804, 45.4297)
contains.

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Color

**XYZ(58.9633, 56.5834,
45.3501)**

Conversions

Conversions Part 1

Format	Color
Hex	E9BDA9
RGB	233, 189, 169
RGB Percent	91%, 74%, 66%
CMY	0.0863, 0.2588, 0.3372
CMYK	0.00, 0.19, 0.27, 0.09
HSL	19°, 59%, 79%
HSV	19°, 27%, 91%
XYZ	58.9633, 56.5834, 45.3501
YIQ	199.8760, 32.6440, 3.1080

Conversions

Conversions Part 2

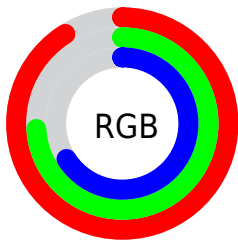
Format	Color
R _Y B	233, 198, 169
Decimal	15318441
CIE Lab	79.94, 12.88, 16.06
CIE LCh	80, 20.587, 51.276
Yxy	56.5834, 0.3665, 0.3517
Android (android.graphics.Color)	4293508521 (0xFFE9BDA9)
YUV	199.8760, -15.2219, 29.0497
Hunter-Lab	75.2219, 8.2802, 16.9104

Details

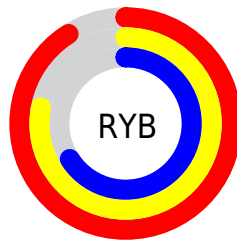
The XYZ color **58.9633, 56.5834, 45.3501** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.8638, 61.9049, 86.1482**, and the grayscale version is **54.9013, 57.7604, 62.9011**.

A 20% lighter version of the original color is **87.3470, 91.9466, 83.6648**, and **29.9195, 28.1228, 20.6809** is the 20% darker color. If you saturate the color by 10%, you get **53.7109, 49.2726, 33.7522**, and if you desaturate by 10%, it is **64.9891, 64.8164, 59.1300**.

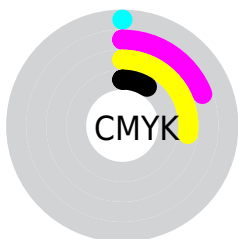
Distribution



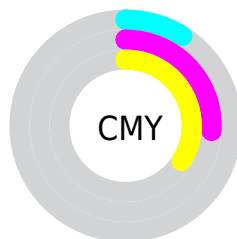
- Red (91%)
- Green (74%)
- Blue (66%)



- Red (91%)
- Yellow (78%)
- Blue (66%)



- Cyan (0%)
- Magenta (19%)
- Yellow (27%)
- Black (9%)





- Cyan (9%)
- Magenta (26%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9633, 56.5834, 45.3501 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 58.9633, 56.5834, 45.3501 by changing the saturation by 10% instead.


 58.9633, 56.5834,
45.3501

 58.9633, 56.5834,
45.3501


410.6621,
411.8864, 384.3910

 42.8298, 40.6709,
31.3883


 102.4393, 99.8571,
84.5695

 29.9456, 28.0620,
20.6338


130.5125,
127.9870, 110.6643

 19.9451, 18.3724,
12.6679


163.2963,
160.9581, 141.6404

 12.4632, 11.2177,
7.0723

201.1561,
199.1549, 177.9165

 7.1344, 6.2134,
3.4282

244.4572,
242.9618, 219.9110

 3.5934, 2.9753,
1.3172

293.5650,

 1.4748, 1.1189,

292.7630, 268.0426

0.0758

348.8449,
348.9431, 322.7298

■ 0.3086, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9633, 56.5834,
45.3501

■ 58.9633, 56.5834,
45.3501

■ 53.7109, 49.2726,
33.7522

■ 64.9891, 64.8164,
59.1300

■ 49.1943, 42.8432,
24.2198

■ 71.8146, 73.9950,
75.1934

■ 45.3795, 37.2629,
16.6305

■ 79.4705, 84.1513,
93.6394

■ 42.2277, 32.4942,
10.8477

■ 86.8030, 94.8410,
108.3389

■ 39.6957, 28.4965,
6.7165

■ 87.4144, 96.0637,
108.5427

■ 37.7345, 25.2252,
4.0556

■ 36.2826, 22.6285,
2.6249

■ 35.9757, 22.0664,
2.3631

Harmonies

Analogous

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



61.6177, 56.5834, 53.6343



58.9633, 56.5834, 45.3501



55.0082, 56.5834, 41.5557

Triad

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



58.9633, 56.5834, 45.3501



46.2263, 56.5834, 58.1863



56.7482, 56.5834, 85.6260

Complementary

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



58.9633, 56.5834, 45.3501



54.8638, 61.9049, 86.1482

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.



52.5718, 56.5834, 87.2573



58.9633, 56.5834, 45.3501



46.6383, 56.5834, 70.3389

Square

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



58.9633, 56.5834, 45.3501



47.7549, 56.5834, 48.3114



48.9113, 56.5834, 81.3541



60.2934, 56.5834, 77.1485

Rectangle

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



58.9633, 56.5834, 45.3501



52.2256, 56.5834, 41.6927



48.9113, 56.5834, 81.3541



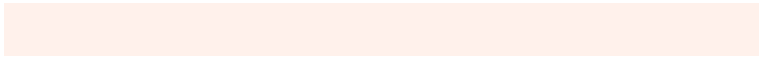
55.3666, 56.5834, 87.0331

Sweetspot

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



58.9648, 56.5860, 45.3513



87.6260, 90.1317, 91.0734



59.9048, 50.5450, 70.0838



18.4726, 18.9133, 18.8214



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.



58.9648, 56.5860, 45.3513



68.5774, 64.1966, 47.2299



66.4118, 71.4801, 47.8336



15.4496, 15.8222, 15.7584



20.5108, 12.7158, 1.3734



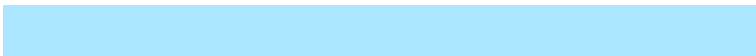
1.6937, 1.1647, 0.1355

Inverse Universe

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



54.8638, 61.9049, 86.1482



62.7475, 71.7322, 105.1463



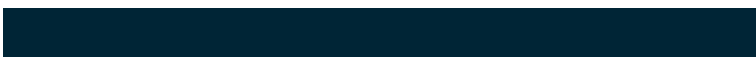
47.7578, 47.6929, 83.7796



15.0975, 16.2814, 19.2692



15.6109, 17.8688, 46.3692



1.3111, 1.5736, 3.6695

Previews

White Background



This preview shows how the XYZ color 58.9633, 56.5834, 45.3501 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 58.9633, 56.5834, 45.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

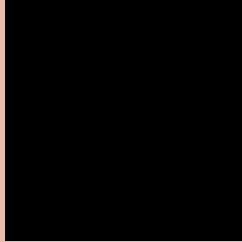
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9633, 56.5834, 45.3501

Background



This preview shows how black text looks on a background with the XYZ color 58.9633, 56.5834, 45.3501.



This preview shows how white text looks on a background with the XYZ color 58.9633, 56.5834,

45.3501.

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

58.9633, 56.5834, 45.3501

Protanopia

53.7493, 56.8152, 47.6687

Deuteranopia

57.7871, 56.6202, 45.4192



Tritanopia

62.2498, 56.6543, 61.6873

Trichromacy



Original Color

58.9633, 56.5834, 45.3501

Protanomaly

55.5768, 56.7605, 47.0564

Deuteranomaly

58.2080, 56.5145, 45.3766

Tritanomaly

60.8970, 56.4108, 55.2557

Monochromacy



Original Color

58.9633, 56.5834, 45.3501

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.0766, 57.1510, 56.2198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9633, 56.5834, 45.3501 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, 189, 169)` looks like.

```
.text, #text, p{  
    color:rgb(233, 189, 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(233, 189, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 189, 169) }
```

Border

The CSS property to change the border of an element to XYZ 58.9633, 56.5834, 45.3501 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, 189, 169) }
```


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

```
.border{ border-color:rgb(233, 189, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 189, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 189, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 189, 169);  
box-shadow:4px 4px 4px 4px rgb(233, 189,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9633, 56.5834, 45.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 189, 169) }
```

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

```
.background{ background-color: rgb(233,  
189, 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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