

Converting Colors

XYZ(58.8809, 56.6263, 44.1075)

Have a look what the booklet for
XYZ(58.8809, 56.6263, 44.1075)
contains.

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Color

**XYZ(58.6848, 56.4720,
43.8836)**

Conversions

Conversions Part 1

Format	Color
Hex	E9BDA6
RGB	233, 189, 166
RGB Percent	91%, 74%, 65%
CMY	0.0863, 0.2588, 0.3490
CMYK	0.00, 0.19, 0.29, 0.09
HSL	21°, 60%, 78%
HSV	21°, 29%, 91%
XYZ	58.6848, 56.4720, 43.8836
YIQ	199.5340, 33.6070, 2.1750

Conversions

Conversions Part 2

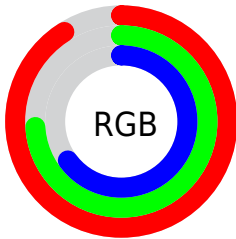
Format	Color
R _Y B	233, 201, 166
Decimal	15318438
CIE Lab	79.88, 12.48, 17.58
CIE LCh	80, 21.558, 54.635
Yxy	56.4720, 0.3690, 0.3551
Android (android.graphics.Color)	4293508518 (0xFFE9BDA6)
YUV	199.5340, -16.5323, 29.3497
Hunter-Lab	75.1479, 7.8863, 17.9803

Details

The XYZ color **58.6848, 56.4720, 43.8836** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **53.4798, 60.0816, 85.8692**, and the grayscale version is **54.6984, 57.5469, 62.6686**.

A 20% lighter version of the original color is **86.9436, 91.7853, 81.5405**, and **29.7459, 28.0533, 19.7666** is the 20% darker color. If you saturate the color by 10%, you get **53.6190, 49.4564, 32.5883**, and if you desaturate by 10%, it is **64.4880, 64.3421, 57.3363**.

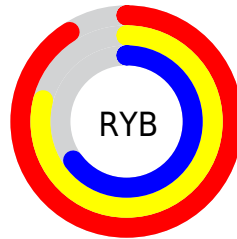
Distribution



Red (91%)

Green (74%)

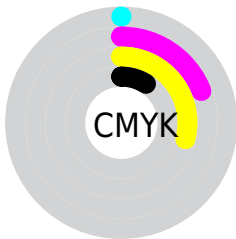
Blue (65%)



Red (91%)

Yellow (79%)

Blue (65%)

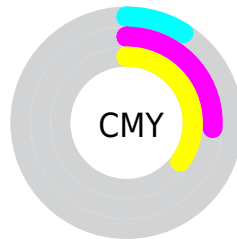


Cyan (0%)

Magenta (19%)

Yellow (29%)

Black (9%)



Cyan (9%)


Magenta (26%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6848, 56.4720, 43.8836 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 58.6848, 56.4720, 43.8836 by changing the saturation by 10% instead.


 58.6848, 56.4720,
43.8836


 58.6848, 56.4720,
43.8836


409.6457,
411.4679, 378.2605

 42.6048, 40.5815,
30.2425


 102.0367, 99.6944,
82.3432

 29.7684, 27.9922,
19.7691


 130.0393,
127.7950, 107.9987

 19.8100, 18.3198,
12.0449

162.7468,
160.7344, 138.4961

 12.3645, 11.1798,
6.6514

200.5246,
198.8971, 174.2540

 7.0664, 6.1879,
3.1699

243.7380,
242.6674, 215.6908

 3.5503, 2.9597,
1.1820

292.7525,

 1.4510, 1.1107,

292.4297, 263.2251

0.0000

347.9332,
348.5684, 317.2755

■ 0.2922, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6848, 56.4720,
43.8836

■ 58.6848, 56.4720,
43.8836

■ 53.6190, 49.4564,
32.5883

■ 64.4880, 64.3421,
57.3363

■ 49.2545, 43.2577,
23.3331

■ 71.0539, 73.0872,
73.0483

■ 45.5588, 37.8469,
15.9948

■ 78.4117, 82.7366,
91.1190

■ 42.4943, 33.1900,
10.4355

■ 85.9038, 93.0426,
108.0391

■ 40.0196, 29.2501,
6.4981

■ 87.4143, 96.0637,
108.5427

■ 38.0869, 25.9868,
3.9977

■ 36.6305, 23.3506,
2.6598

■ 36.4731, 23.0612,
2.5289

Harmonies

Analogous

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



61.6778, 56.4720, 51.9964



58.6848, 56.4720, 43.8836



54.4642, 56.4720, 40.5130

Triad

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



58.6848, 56.4720, 43.8836



45.7389, 56.4720, 59.2663



57.2528, 56.4720, 86.0493

Complementary

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



58.6848, 56.4720, 43.8836



53.4798, 60.0816, 85.8692

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.



52.8933, 56.4720, 88.6831



58.6848, 56.4720, 43.8836



46.3961, 56.4720, 72.0706

Square

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



58.6848, 56.4720, 43.8836



47.1125, 56.4720, 48.5896



48.9586, 56.4720, 83.2656



60.8202, 56.4720, 76.4890

Rectangle

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



58.6848, 56.4720, 43.8836



51.5806, 56.4720, 41.0263



48.9586, 56.4720, 83.2656



55.8252, 56.4720, 87.8242

Sweetspot

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



58.6863, 56.4746, 43.8848



86.9521, 89.3680, 89.0481



58.9571, 49.2832, 67.8148



18.3472, 18.7789, 18.4210



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.



58.6863, 56.4746, 43.8848



67.9290, 63.6620, 44.6640



66.5646, 72.2312, 46.5109



15.4883, 15.8996, 15.7713



20.7993, 13.2929, 1.4695



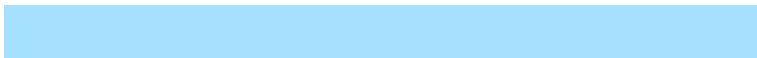
1.7199, 1.2171, 0.1443

Inverse Universe

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



53.4798, 60.0816, 85.8692



60.4749, 68.8027, 104.7006



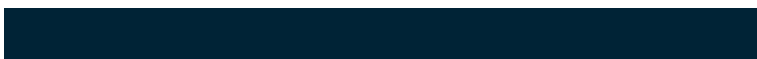
46.1896, 45.5011, 83.4391



15.0570, 16.2005, 19.2557



14.9289, 16.5047, 46.1419



1.2612, 1.4738, 3.6529

Previews

White Background



This preview shows how the XYZ color 58.6848, 56.4720, 43.8836 looks on a white background.

Color Contrast Check

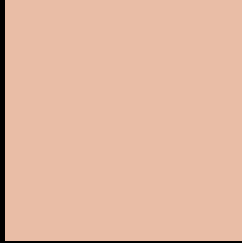
Large Text (above 18pt) WCAG AA × Fail

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 58.6848, 56.4720, 43.8836 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 58.6848, 56.4720, 43.8836

Background



This preview shows how black text looks on a background with the XYZ color 58.6848, 56.4720, 43.8836.



This preview shows how white text looks on a background with the XYZ color 58.6848, 56.4720,

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

58.6848, 56.4720, 43.8836

Protanopia

53.4622, 56.7003, 46.1567

Deuteranopia

57.8268, 56.6728, 43.9675



Tritanopia

62.3743, 56.4090, 61.6334

Trichromacy



Original Color

58.6848, 56.4720, 43.8836

Protanomaly

55.2918, 56.6465, 45.5558

Deuteranomaly

57.9295, 56.4031, 43.9101

Tritanomaly

61.1206, 56.5385, 54.7053

Monochromacy



Original Color

58.6848, 56.4720, 43.8836

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.9684, 57.1077, 55.6500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6848, 56.4720, 43.8836 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, 166) looks like.

```
.text, #text, p{  
    color:rgb(233, 189, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 189, 166) }
```

Border

The CSS property to change the border of an element to XYZ 58.6848, 56.4720, 43.8836 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, 166) }
```


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

```
.border{ border-color:rgb(233, 189, 166) }
```

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, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 189, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 189, 166);  
box-shadow:4px 4px 4px 4px rgb(233, 189,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6848, 56.4720, 43.8836 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, 166) }
```

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

```
.background{ background-color: rgb(233,  
189, 166) }
```

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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