

Converting Colors

XYZ(56.8050, 53.3828, 47.5624)

Have a look what the booklet for
XYZ(56.8050, 53.3828, 47.5624)
contains.

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Color

**XYZ(56.8866, 53.5810,
47.3883)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B7AE
RGB	229, 183, 174
RGB Percent	90%, 72%, 68%
CMY	0.1020, 0.2823, 0.3176
CMYK	0.00, 0.20, 0.24, 0.10
HSL	10°, 51%, 79%
HSV	10°, 24%, 90%
XYZ	56.8866, 53.5810, 47.3883
YIQ	195.7280, 30.3050, 6.9530

Conversions

Conversions Part 2

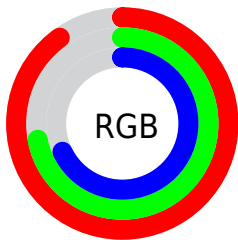
Format	Color
RYB	229, 185, 174
Decimal	15054766
CIELab	78.22, 15.26, 10.88
CIELCh	78, 18.740, 35.481
Yxy	53.5810, 0.3604, 0.3394
Android (android.graphics.Color)	4293244846 (0xFFE5B7AE)
YUV	195.7280, -10.7119, 29.1795
Hunter-Lab	73.1990, 10.6229, 12.8556

Details

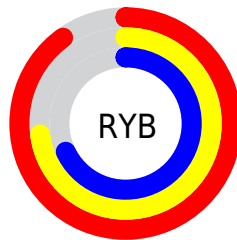
The XYZ color **56.8866, 53.5810, 47.3883** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.1910, 65.8404, 83.8233**, and the grayscale version is **52.3570, 55.0837, 59.9861**.

A 20% lighter version of the original color is **86.2494, 88.6501, 86.6941**, and **28.7291, 26.2546, 21.9658** is the 20% darker color. If you saturate the color by 10%, you get **51.1569, 45.3947, 35.3871**, and if you desaturate by 10%, it is **63.5373, 62.9994, 61.5754**.

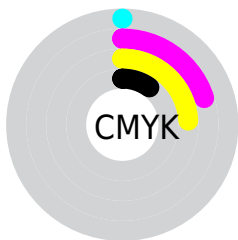
Distribution



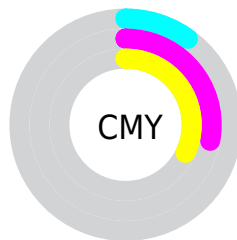
- Red (90%)
- Green (72%)
- Blue (68%)



- Red (90%)
- Yellow (73%)
- Blue (68%)



- Cyan (0%)
- Magenta (20%)
- Yellow (24%)
- Black (10%)





- Cyan (10%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8866, 53.5810, 47.3883 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 56.8866, 53.5810, 47.3883 by changing the saturation by 10% instead.


 56.8866, 53.5810,
47.3883

 56.8866, 53.5810,
47.3883


403.0453,
400.5102, 392.8009

 41.1540, 38.2668,
32.9862


 99.4320, 95.4588,
87.6490

 28.6276, 26.1898,
21.8448

126.9755,
122.7911, 114.3446

 18.9422, 16.9657,
13.5457

159.1867,
154.8982, 145.9752

 11.7323, 10.2100,
7.6703

196.4310,
192.1646, 182.9593

 6.6325, 5.5384,
3.8000

239.0736,
234.9746, 225.7153

 3.2776, 2.5665,
1.5163

287.4799,

 1.3022, 0.9099,

283.7126, 274.6619

0.2300

342.0154,
338.7630, 330.2176

■ 0.1849, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8866, 53.5810,
47.3883

■ 56.8866, 53.5810,
47.3883

■ 51.1569, 45.3947,
35.3871

■ 63.5373, 62.9994,
61.5754

■ 46.3030, 38.3823,
25.4597

■ 71.1430, 73.6903,
78.0464

■ 42.2824, 32.4919,
17.4889

■ 79.7411, 85.7016,
96.8971

■ 39.0471, 27.6646,
11.3447

■ 86.1233, 95.3981,
108.4822

■ 36.5443, 23.8362,
6.8809

■ 34.7142, 20.9356,
3.9289

■ 33.4867, 18.8814,
2.2844

■ 32.9902, 18.0120,
1.7379

Harmonies

Analogous

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



58.2724, 53.5810, 56.4333



56.8866, 53.5810, 47.3883



53.9093, 53.5810, 41.8309

Triad

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



56.8866, 53.5810, 47.3883



44.7783, 53.5810, 50.3560



51.6035, 53.5810, 80.8359

Complementary

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



56.8866, 53.5810, 47.3883



57.1910, 65.8404, 83.8233

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.



48.0570, 53.5810, 78.7066



56.8866, 53.5810, 47.3883



44.2266, 53.5810, 60.2904

Square

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



56.8866, 53.5810, 47.3883



46.9436, 53.5810, 43.3949



45.3991, 53.5810, 70.8624



55.1298, 53.5810, 76.3754

Rectangle

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



56.8866, 53.5810, 47.3883



51.4847, 53.5810, 40.4383



45.3991, 53.5810, 70.8624



50.3736, 53.5810, 80.8726

Sweetspot

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



56.8880, 53.5835, 47.3894



87.7294, 89.7460, 92.9346



60.4675, 52.1379, 75.1092



18.6489, 19.0284, 19.6122



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.



56.8880, 53.5835, 47.3894



68.6903, 62.8076, 52.2457



62.9385, 65.6844, 49.4062



14.5666, 14.7472, 14.9832



18.9199, 10.4140, 1.0129



1.4559, 0.8851, 0.0941

Inverse Universe

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



57.1910, 65.8404, 83.8233



69.1364, 81.0870, 106.6152



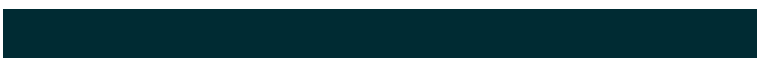
50.7243, 52.9070, 81.6678



14.5960, 15.9135, 18.4466



18.8774, 24.8169, 46.1784



1.4488, 1.9415, 3.4303

Previews

White Background



This preview shows how the XYZ color 56.8866, 53.5810, 47.3883 looks on a white background.

Color Contrast Check

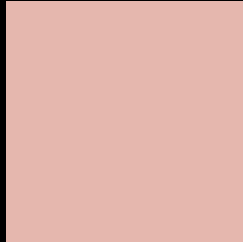
Large Text (above 18pt) WCAG AA × Fail

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 56.8866, 53.5810, 47.3883 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 56.8866, 53.5810, 47.3883

Background



This preview shows how black text looks on a background with the XYZ color 56.8866, 53.5810, 47.3883.



This preview shows how white text looks on a background with the XYZ color 56.8866, 53.5810,

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

56.8866, 53.5810, 47.3883

Protanopia

51.2940, 53.8121, 50.3311

Deuteranopia

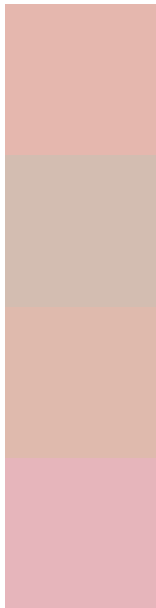
54.8283, 53.7734, 47.0247



Tritanopia

59.0139, 53.5265, 58.2602

Trichromacy



Original Color

56.8866, 53.5810, 47.3883

Protanomaly

52.9974, 53.4184, 49.1125

Deuteranomaly

55.5332, 53.8229, 46.9971

Tritanomaly

58.1266, 53.4586, 54.2686

Monochromacy



Original Color

56.8866, 53.5810, 47.3883

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.7203, 54.3023, 55.2270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8866, 53.5810, 47.3883 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(229, 183, 174)` looks like.

```
.text, #text, p{  
    color:rgb(229, 183, 174)  
}
```

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(229, 183, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 183, 174) }
```

Border

The CSS property to change the border of an element to XYZ 56.8866, 53.5810, 47.3883 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(229, 183, 174) }
```


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

```
.border{ border-color:rgb(229, 183, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 183, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 183, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 183, 174);  
box-shadow:4px 4px 4px 4px rgb(229, 183,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8866, 53.5810, 47.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 183, 174) }
```

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

```
.background{ background-color: rgb(229,  
183, 174) }
```

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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