

Converting Colors

XYZ(58.8175, 54.6669, 46.9267)

Have a look what the booklet for
XYZ(58.8175, 54.6669, 46.9267)
contains.

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Color

**XYZ(58.7373, 54.5463,
46.9679)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB7AD
RGB	235, 183, 173
RGB Percent	92%, 72%, 68%
CMY	0.0784, 0.2823, 0.3216
CMYK	0.00, 0.22, 0.26, 0.08
HSL	10°, 61%, 80%
HSV	10°, 26%, 92%
XYZ	58.7373, 54.5463, 46.9679
YIQ	197.4080, 34.2020, 7.9140

Conversions

Conversions Part 2

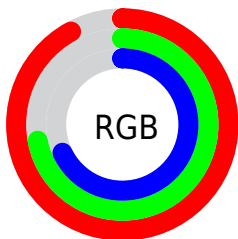
Format	Color
R_{YB}	235, 185, 173
Decimal	15447981
CIE Lab	78.78, 17.36, 12.30
CIE LCh	79, 21.271, 35.316
Yxy	54.5463, 0.3665, 0.3404
Android (android.graphics.Color)	4293638061 (0xFFEBB7AD)
YUV	197.4080, -12.0331, 32.9682
Hunter-Lab	73.8555, 12.7141, 13.9937

Details

The XYZ color **58.7373, 54.5463, 46.9679** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.1535, 68.7309, 88.7462**, and the grayscale version is **53.3748, 56.1545, 61.1522**.

A 20% lighter version of the original color is **86.1101, 88.5944, 85.9607**, and **29.7939, 26.8107, 21.6938** is the 20% darker color. If you saturate the color by 10%, you get **52.8762, 46.1485, 34.7648**, and if you desaturate by 10%, it is **65.5705, 64.2475, 61.4694**.

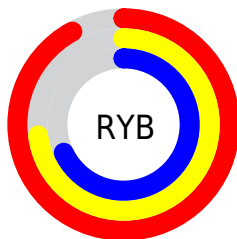
Distribution



Red (92%)

Green (72%)

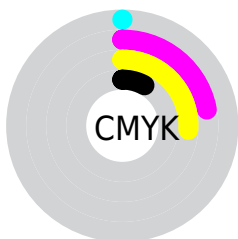
Blue (68%)



Red (92%)

Yellow (73%)

Blue (68%)

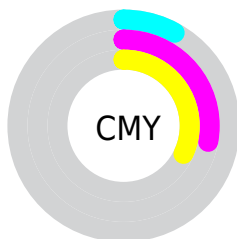


Cyan (0%)

Magenta (22%)

Yellow (26%)

Black (8%)



Cyan (8%)

Magenta (28%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7373, 54.5463, 46.9679 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 58.7373, 54.5463, 46.9679 by changing the saturation by 10% instead.

■ 58.7373, 54.5463,
46.9679

■ 58.7373, 54.5463,
46.9679

409.8374,
404.1898, 391.0764

■ 42.6472, 39.0386,
32.6561

■ 102.1126, 96.8759,
87.0152

■ 29.8018, 26.7898,
21.5942

130.1285,
124.4666, 113.5878

■ 19.8355, 17.4154,
13.3636

162.8504,
156.8537, 145.0844

■ 12.3831, 10.5311,
7.5457

200.6437,
194.4217, 181.9235

■ 7.0792, 5.7525,
3.7221

243.8737,
237.5549, 224.5237

■ 3.5584, 2.6952,
1.4742

292.9057,

■ 1.4555, 0.9747,

286.6377, 273.3036

0.1986

348.1052,
342.0545, 328.6817

■ 0.2953, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7373, 54.5463,
46.9679

■ 58.7373, 54.5463,
46.9679

■ 52.8762, 46.1485,
34.7648

■ 65.5705, 64.2475,
61.4694

■ 47.9383, 38.9912,
24.7385

■ 73.4130, 75.2965,
78.3756

■ 43.8772, 33.0173,
16.7615

■ 82.3054, 87.7452,
97.7903

■ 40.6403, 28.1625,
10.6913

■ 88.0711, 96.4022,
108.5734

■ 38.1694, 24.3561,
6.3672

■ 36.3983, 21.5194,
3.6018

■ 35.2480, 19.5615,
2.1621

■ 34.9517, 19.0434,
1.8336

Harmonies

Analogous

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



60.3333, 54.5463, 57.2687



58.7373, 54.5463, 46.9679



55.3006, 54.5463, 40.7124

Triad

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



58.7373, 54.5463, 46.9679



44.8290, 54.5463, 50.2230



52.5985, 54.5463, 85.6069

Complementary

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



58.7373, 54.5463, 46.9679



59.1535, 68.7309, 88.7462

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.



48.5357, 54.5463, 83.0558



58.7373, 54.5463, 46.9679



44.1920, 54.5463, 61.5664

Square

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



58.7373, 54.5463, 46.9679



47.3027, 54.5463, 42.4059



45.5134, 54.5463, 73.8331



56.6684, 54.5463, 80.3976

Rectangle

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



58.7373, 54.5463, 46.9679



52.5088, 54.5463, 39.1456



45.5134, 54.5463, 73.8331



51.1861, 54.5463, 85.6354

Sweetspot

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



58.7388, 54.5488, 46.9690



86.7207, 88.3212, 90.7716



62.8913, 53.0245, 78.6563



18.2461, 18.4603, 18.7459



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.



58.7388, 54.5488, 46.9690



66.5003, 59.6500, 47.7471



65.6740, 68.4194, 49.2808



15.2618, 15.4466, 15.6958



19.5124, 10.7191, 1.0406



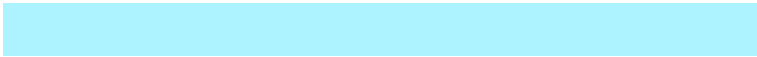
1.5911, 0.9595, 0.1013

Inverse Universe

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



59.1535, 68.7309, 88.7462



67.0745, 79.5546, 106.4281



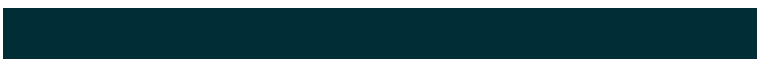
51.6776, 53.7790, 86.2543



15.2987, 16.6839, 19.3362



19.5471, 25.7412, 47.6813



1.5902, 2.1320, 3.7626

Previews

White Background



This preview shows how the XYZ color 58.7373, 54.5463, 46.9679 looks on a white background.

Color Contrast Check

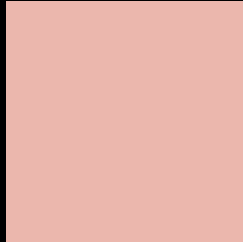
Large Text (above 18pt) WCAG AA × Fail

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 58.7373, 54.5463, 46.9679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

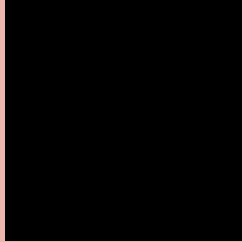
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7373, 54.5463, 46.9679

Background



This preview shows how black text looks on a background with the XYZ color 58.7373, 54.5463, 46.9679.



This preview shows how white text looks on a background with the XYZ color 58.7373, 54.5463,

46.9679.

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

58.7373, 54.5463, 46.9679

Protanopia

52.2804, 54.9814, 50.5048

Deuteranopia

55.8610, 54.6330, 46.6307



Tritanopia

60.9839, 54.5421, 58.3524

Trichromacy



Original Color

58.7373, 54.5463, 46.9679

Protanomaly

54.5909, 54.8830, 49.3112

Deuteranomaly

56.6839, 54.4273, 46.5477

Tritanomaly

59.9789, 54.4258, 53.7984

Monochromacy



Original Color

58.7373, 54.5463, 46.9679

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.7907, 55.1790, 55.3398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7373, 54.5463, 46.9679 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(235, 183, 173)` looks like.

```
.text, #text, p{  
    color:rgb(235, 183, 173)  
}
```

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(235, 183, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 183, 173) }
```

Border

The CSS property to change the border of an element to XYZ 58.7373, 54.5463, 46.9679 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(235, 183, 173) }
```


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

```
.border{ border-color:rgb(235, 183, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 183, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 183, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 183, 173);  
box-shadow:4px 4px 4px 4px rgb(235, 183,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7373, 54.5463, 46.9679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 183, 173) }
```

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

```
.background{ background-color: rgb(235,  
183, 173) }
```

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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