

Converting Colors

XYZ(58.5195, 52.5413, 46.5353)

Have a look what the booklet for
XYZ(58.5195, 52.5413, 46.5353)
contains.

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Color

**XYZ(58.5249, 52.6386,
46.6108)**

Conversions

Conversions Part 1

Format	Color
Hex	EEB1AD
RGB	238, 177, 173
RGB Percent	93%, 69%, 68%
CMY	0.0667, 0.3059, 0.3216
CMYK	0.00, 0.26, 0.27, 0.07
HSL	4°, 66%, 81%
HSV	4°, 27%, 93%
XYZ	58.5249, 52.6386, 46.6108
YIQ	194.7830, 37.6400, 11.6880

Conversions

Conversions Part 2

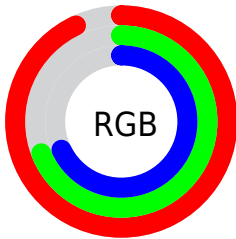
Format	Color
R _Y B	238, 177, 173
Decimal	15643053
CIE Lab	77.66, 21.66, 10.75
CIE LCh	78, 24.184, 26.399
Yxy	52.6386, 0.3709, 0.3336
Android (android.graphics.Color)	4293833133 (0xFFEEB1AD)
YUV	194.7830, -10.7390, 37.9013
Hunter-Lab	72.5525, 17.0213, 12.6963

Details

The XYZ color **58.5249, 52.6386, 46.6108** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.0881, 73.9006, 91.8811**, and the grayscale version is **51.7900, 54.4872, 59.3365**.

A 20% lighter version of the original color is **84.3825, 85.1393, 85.3849**, and **29.7149, 25.6195, 21.4681** is the 20% darker color. If you saturate the color by 10%, you get **52.3678, 43.6874, 34.1905**, and if you desaturate by 10%, it is **65.8170, 63.2027, 61.4344**.

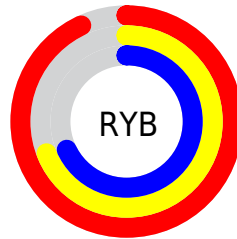
Distribution



Red (93%)

Green (69%)

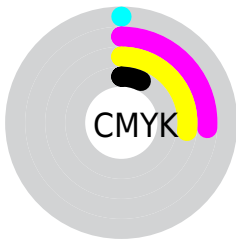
Blue (68%)



Red (93%)

Yellow (69%)

Blue (68%)

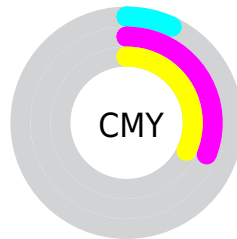


Cyan (0%)

Magenta (26%)

Yellow (27%)

Black (7%)



Cyan (7%)


Magenta (31%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5249, 52.6386, 46.6108 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 58.5249, 52.6386, 46.6108 by changing the saturation by 10% instead.

 58.5249, 52.6386,
46.6108

 58.5249, 52.6386,
46.6108

409.0614,
396.8970, 389.6075

 42.4757, 37.5143,
32.3759

 101.8054, 94.0724,
86.4763

 29.6667, 25.6060,
21.3816


129.7674,
121.1507, 112.9440

 19.7325, 16.5291,
13.2093

162.4311,
152.9824, 144.3263

 12.3079, 9.8993,
7.4404

200.1617,
189.9520, 181.0420

 7.0274, 5.3323,
3.6564

243.3247,
232.4439, 223.5093

 3.5257, 2.4435,
1.4388

292.2854,

 1.4375, 0.8481,

280.8424, 272.1470

0.1717

347.4092,
335.5320, 327.3736

■ 0.2827, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5249, 52.6386,
46.6108

■ 58.5249, 52.6386,
46.6108

■ 52.3678, 43.6874,
34.1905

■ 65.8170, 63.2027,
61.4344

■ 47.2847, 36.2627,
24.0439

■ 74.2927, 75.4456,
78.7753

■ 43.2150, 30.2816,
16.0342

■ 84.0030, 89.4389,
98.7438

■ 40.0909, 25.6501,
10.0083

■ 89.0700, 96.9172,
108.6201

■ 37.8357, 22.2631,
5.7932

■ 36.3610, 20.0000,
3.1858

■ 35.5573, 18.7155,
1.9222

■ 35.4261, 18.5094,
1.7055

Harmonies

Analogous

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



59.5521, 52.6386, 58.9470



58.5249, 52.6386, 46.6108



55.1740, 52.6386, 38.4309

Triad

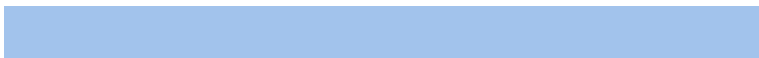
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.5249, 52.6386, 46.6108



42.9099, 52.6386, 44.2126



49.4688, 52.6386, 87.0464

Complementary

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



58.5249, 52.6386, 46.6108



62.0881, 73.9006, 91.8811

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.



45.2187, 52.6386, 81.5488



58.5249, 52.6386, 46.6108



41.5837, 52.6386, 55.7124

Square

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



58.5249, 52.6386, 46.6108



46.1392, 52.6386, 37.2052



42.4022, 52.6386, 69.5429



54.1365, 52.6386, 83.6118

Rectangle

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



58.5249, 52.6386, 46.6108



52.1757, 52.6386, 35.7527



42.4022, 52.6386, 69.5429



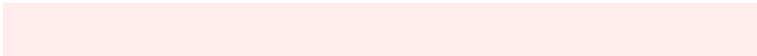
47.9467, 52.6386, 86.1625

Sweetspot

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



58.5263, 52.6411, 46.6119



86.1319, 87.1436, 90.5754



65.1632, 54.0486, 85.4063



18.0992, 18.1665, 18.6969



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.



58.5263, 52.6411, 46.6119



64.1085, 55.2589, 45.7403



65.5423, 66.6731, 48.9505



15.8510, 15.9150, 16.3862



19.7948, 10.3876, 0.9617



1.6740, 0.9187, 0.0891

Inverse Universe

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



62.0881, 73.9006, 91.8811



68.9402, 84.1175, 107.2105



53.8460, 57.4163, 89.1337



16.1591, 17.7523, 20.2965



23.4172, 33.0587, 50.2746



1.9732, 2.8003, 4.1907

Previews

White Background



This preview shows how the XYZ color 58.5249, 52.6386, 46.6108 looks on a white background.

Color Contrast Check

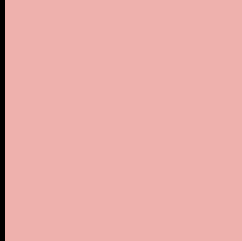
Large Text (above 18pt) WCAG AA × Fail

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 58.5249, 52.6386, 46.6108 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 58.5249, 52.6386, 46.6108

Background



This preview shows how black text looks on a background with the XYZ color 58.5249, 52.6386, 46.6108.



This preview shows how white text looks on a background with the XYZ color 58.5249, 52.6386,

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

58.5249, 52.6386, 46.6108

Protanopia

50.4788, 53.0412, 51.2935

Deuteranopia

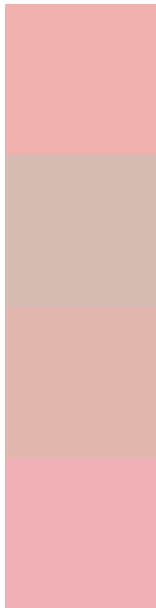
53.6131, 52.5436, 45.8443



Tritanopia

60.3423, 52.8160, 54.5911

Trichromacy



Original Color

58.5249, 52.6386, 46.6108

Protanomaly

53.2468, 52.9011, 49.5240

Deuteranomaly

55.2257, 52.4420, 46.2413

Tritanomaly

59.6692, 52.8203, 51.8502

Monochromacy



Original Color

58.5249, 52.6386, 46.6108

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.8168, 53.4032, 54.4851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5249, 52.6386, 46.6108 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(238, 177, 173)` looks like.

```
.text, #text, p{  
    color:rgb(238, 177, 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(238, 177, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 177, 173) }
```

Border

The CSS property to change the border of an element to XYZ 58.5249, 52.6386, 46.6108 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(238, 177, 173) }
```


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

```
.border{ border-color:rgb(238, 177, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 177, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 177, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 177, 173);  
box-shadow:4px 4px 4px 4px rgb(238, 177,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5249, 52.6386, 46.6108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 177, 173) }
```

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

```
.background{ background-color: rgb(238,  
177, 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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