

Converting Colors

XYZ(59.5102, 52.2866, 58.6114)

Have a look what the booklet for
XYZ(59.5102, 52.2866, 58.6114)
contains.

XYZ(59.4412, 52.2622, 58.5845)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.4412, 52.2622,
58.5845)**

Conversions

Conversions Part 1

Format	Color
Hex	EBAFC3
RGB	235, 175, 195
RGB Percent	92%, 69%, 76%
CMY	0.0784, 0.3137, 0.2353
CMYK	0.00, 0.26, 0.17, 0.08
HSL	340°, 60%, 80%
HSV	340°, 26%, 92%
XYZ	59.4412, 52.2622, 58.5845
YIQ	195.2200, 29.3400, 18.9400

Conversions

Conversions Part 2

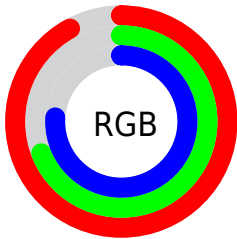
Format	Color
R _Y B	235, 175, 195
Decimal	15445955
CIE Lab	77.44, 24.84, -1.57
CIE LCh	77, 24.885, 356.383
Yxy	52.2622, 0.3491, 0.3069
Android (android.graphics.Color)	4293636035 (0xFFEBAFC3)
YUV	195.2200, -0.1085, 34.8871
Hunter-Lab	72.2926, 20.2561, 2.5574

Details

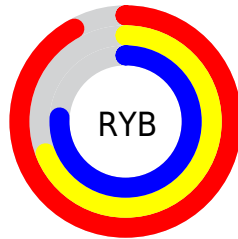
The XYZ color **59.4412, 52.2622, 58.5845** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.6553, 73.4382, 75.3242**, and the grayscale version is **51.9925, 54.7001, 59.5684**.

A 20% lighter version of the original color is **87.3866, 85.4401, 103.9813**, and **30.1273, 25.3071, 28.4962** is the 20% darker color. If you saturate the color by 10%, you get **53.5798, 43.2268, 48.3445**, and if you desaturate by 10%, it is **66.2874, 62.9686, 70.0711**.

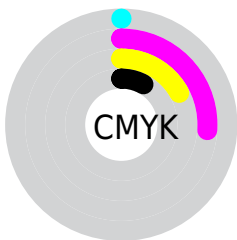
Distribution



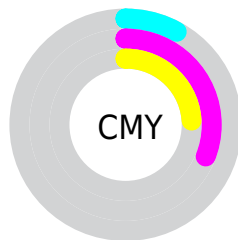
- Red (92%)
- Green (69%)
- Blue (76%)



- Red (92%)
- Yellow (69%)
- Blue (76%)



- Cyan (0%)
- Magenta (26%)
- Yellow (17%)
- Black (8%)




- Cyan (8%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4412, 52.2622, 58.5845 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 59.4412, 52.2622, 58.5845 by changing the saturation by 10% instead.


 59.4412, 52.2622,
58.5845

 59.4412, 52.2622,
58.5845


412.4028,
395.4480, 437.0193

 43.2161, 37.2141,
41.8609


 103.1296, 93.5178,
104.2967

 30.2500, 25.3733,
28.6677


131.3236,
120.4941, 134.1224

 20.1774, 16.3554,
18.5861


164.2380,
152.2153, 169.1526

 12.6331, 9.7760,
11.1978

202.2381,
189.0658, 209.8058

 7.2516, 5.2507,
6.0842

245.6893,
231.4298, 256.5005

 3.6677, 2.3951,
2.8267

294.9569,

 1.5159, 0.8234,

279.6920, 309.6553

1.0069

350.4063,
334.2366, 369.6887

■ 0.3366, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4412, 52.2622,
58.5845

■ 59.4412, 52.2622,
58.5845

■ 53.5798, 43.2268,
48.3445

■ 66.2874, 62.9686,
70.0711

■ 48.6517, 35.7703,
39.3040

■ 74.1577, 75.4174,
82.8425

■ 44.6076, 29.8030,
31.4176

■ 83.0945, 89.6846,
96.9393

■ 41.3915, 25.2229,
24.6354

■ 88.0711, 96.4023,
108.5734

■ 38.9404, 21.9152,
18.9034

■ 37.1820, 19.7461,
14.1622

■ 36.0279, 18.5515,
10.3445

■ 35.6479, 18.2170,
8.9059

Harmonies

Analogous

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



57.7426, 52.2622, 72.7881



59.4412, 52.2622, 58.5845



58.3872, 52.2622, 45.9726

Triad

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



59.4412, 52.2622, 58.5845



45.6934, 52.2622, 36.3996



44.7484, 52.2622, 81.8102

Complementary

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



59.4412, 52.2622, 58.5845



59.6553, 73.4382, 75.3242

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.



41.8732, 52.2622, 69.4453



59.4412, 52.2622, 58.5845



42.3937, 52.2622, 43.5182

Square

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



59.4412, 52.2622, 58.5845



50.2568, 52.2622, 34.4359



41.0394, 52.2622, 55.2572



49.0950, 52.2622, 87.4876

Rectangle

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



59.4412, 52.2622, 58.5845



56.2999, 52.2622, 39.8691



41.0394, 52.2622, 55.2572



43.5888, 52.2622, 78.2101

Sweetspot

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



59.4427, 52.2646, 58.5856



86.7708, 86.8226, 95.7171



58.3515, 51.1077, 85.3870



18.2591, 18.0869, 19.9814



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.



59.4427, 52.2646, 58.5856



67.4513, 56.5694, 63.4252



59.3495, 55.4576, 48.1367



15.2725, 15.1369, 16.7205



19.8925, 10.1597, 5.2350



1.6052, 0.8151, 0.6385

Inverse Universe

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



59.4427, 52.2646, 58.5856



67.4513, 56.5694, 63.4252



59.6015, 68.9640, 88.7678



15.2725, 15.1369, 16.7205



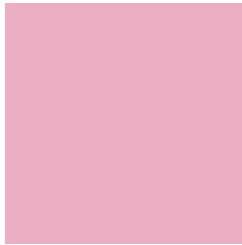
19.8925, 10.1597, 5.2350



1.6052, 0.8151, 0.6385

Previews

White Background



This preview shows how the XYZ color 59.4412, 52.2622, 58.5845 looks on a white background.

Color Contrast Check

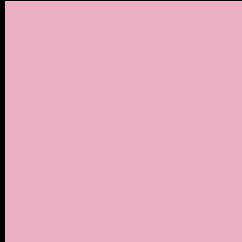
Large Text (above 18pt) WCAG AA × Fail

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 59.4412, 52.2622, 58.5845 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 59.4412, 52.2622, 58.5845

Background



This preview shows how black text looks on a background with the XYZ color 59.4412, 52.2622, 58.5845.



This preview shows how white text looks on a background with the XYZ color 59.4412, 52.2622,

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

59.4412, 52.2622, 58.5845

Protanopia

50.7984, 52.2629, 64.5371

Deuteranopia

53.4790, 52.5234, 57.7715



Tritanopia

58.6423, 52.2172, 55.1323

Trichromacy



Original Color

59.4412, 52.2622, 58.5845

Protanomaly

53.6237, 52.1804, 62.5039

Deuteranomaly

55.3790, 52.2564, 58.2066

Tritanomaly

58.8610, 52.3047, 56.2837

Monochromacy



Original Color

59.4412, 52.2622, 58.5845

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.4119, 53.6082, 59.1094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4412, 52.2622, 58.5845 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, 175, 195)` looks like.

```
.text, #text, p{  
    color:rgb(235, 175, 195)  
}
```

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, 175, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 175, 195) }
```

Border

The CSS property to change the border of an element to XYZ 59.4412, 52.2622, 58.5845 is called "border". The border property can be set on classes, ids or directly on the HTML element.

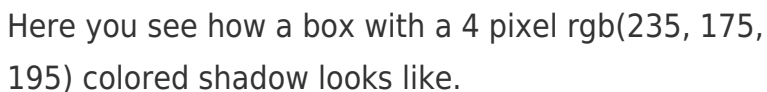
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 175, 195) }
```


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

```
.border{ border-color:rgb(235, 175, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 175, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 175, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 175, 195); box-shadow:4px 4px 4px 4px rgb(235, 175, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4412, 52.2622, 58.5845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 175, 195) }
```

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

```
.background{ background-color: rgb(235,  
175, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor