

Converting Colors

XYZ(59.1567, 51.5354, 45.8579)

Have a look what the booklet for
XYZ(59.1567, 51.5354, 45.8579)
contains.

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Color

**XYZ(59.1611, 51.5383,
45.8595)**

Conversions

Conversions Part 1

Format	Color
Hex	F3ACAC
RGB	243, 172, 172
RGB Percent	95%, 67%, 67%
CMY	0.0471, 0.3255, 0.3255
CMYK	0.00, 0.29, 0.29, 0.05
HSL	0°, 75%, 81%
HSV	0°, 29%, 95%
XYZ	59.1611, 51.5383, 45.8595
YIQ	193.2290, 42.3160, 15.0520

Conversions

Conversions Part 2

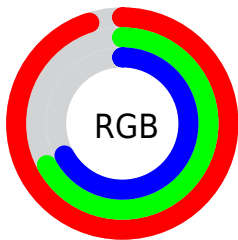
Format	Color
R _Y B	243, 172, 172
Decimal	15969452
CIE Lab	77.00, 26.03, 10.43
CIE LCh	77, 28.044, 21.842
Yxy	51.5383, 0.3779, 0.3292
Android (android.graphics.Color)	4294159532 (0xFFF3ACAC)
YUV	193.2290, -10.4659, 43.6492
Hunter-Lab	71.7902, 21.4661, 12.3787

Details

The XYZ color **59.1611, 51.5383, 45.8595** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.2405, 79.3404, 96.6700**, and the grayscale version is **50.8667, 53.5157, 58.2786**.

A 20% lighter version of the original color is **82.8485, 82.2929, 84.1906**, and **29.9946, 24.8640, 20.9876** is the 20% darker color. If you saturate the color by 10%, you get **52.8281, 42.2717, 33.2681**, and if you desaturate by 10%, it is **66.7691, 62.6714, 60.9822**.

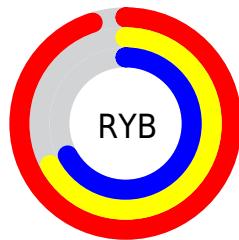
Distribution



Red (95%)

Green (67%)

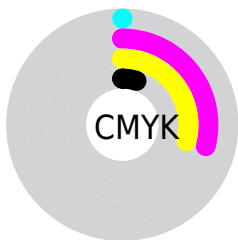
Blue (67%)



Red (95%)

Yellow (67%)

Blue (67%)

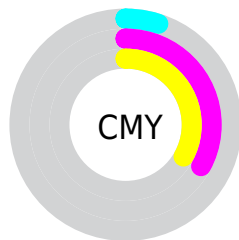


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (5%)



Cyan (5%)


Magenta (33%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1611, 51.5383, 45.8595 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 59.1611, 51.5383, 45.8595 by changing the saturation by 10% instead.


 59.1611, 51.5383,
45.8595

 59.1611, 51.5383,
45.8595


411.3831,
392.6516, 386.5047

 42.9897, 36.6372,
31.7871

 102.7251, 92.4500,
85.3408

 30.0715, 24.9267,
20.9355


130.8483,
119.2293, 111.5867

 20.0412, 16.0225,
12.8861


163.6862,
150.7369, 142.7276

 12.5334, 9.5400,
7.2203

201.6042,
187.3571, 179.1819

 7.1828, 5.0951,
3.5197

244.9675,
229.4742, 221.3682

 3.6241, 2.3032,
1.3658

294.1415,

 1.4917, 0.7754,

277.4728, 269.7051

0.1148

349.4916,
331.7371, 324.6111

■ 0.3202, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1611, 51.5383,
45.8595

■ 59.1611, 51.5383,
45.8595

■ 52.8281, 42.2717,
33.2681

■ 66.7691, 62.6714,
60.9822

■ 47.6965, 34.7626,
23.0668

■ 75.7121, 75.7574,
78.7607

■ 43.6916, 28.9023,
15.1057

■ 86.0512, 90.8864,
99.3148

■ 40.7289, 24.5668,
9.2162

■ 90.7723, 97.7948,
108.6998

■ 38.7116, 21.6148,
5.2064

■ 37.5252, 19.8786,
2.8483

■ 36.9935, 19.1005,
1.7916

■ 36.9625, 19.0551,
1.7299

Harmonies

Analogous

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



59.8830, 51.5383, 60.3987



59.1611, 51.5383, 45.8595



55.6156, 51.5383, 36.0031

Triad

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



59.1611, 51.5383, 45.8595



41.3384, 51.5383, 39.8208



47.5413, 51.5383, 90.5978

Complementary

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



59.1611, 51.5383, 45.8595



65.2405, 79.3404, 96.6700

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.



42.9046, 51.5383, 82.5972



59.1611, 51.5383, 45.8595



39.4976, 51.5383, 52.0415

Square

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



59.1611, 51.5383, 45.8595



45.2594, 51.5383, 32.9839



40.0494, 51.5383, 67.7990



52.9109, 51.5383, 88.1218

Rectangle

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



59.1611, 51.5383, 45.8595



52.2597, 51.5383, 32.5317



40.0494, 51.5383, 67.7990



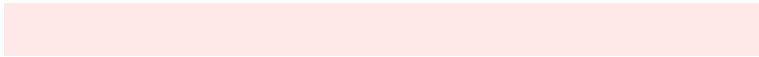
45.8512, 51.5383, 88.9995

Sweetspot

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



59.1625, 51.5407, 45.8605



84.6837, 84.8313, 88.2919



67.8928, 55.0314, 91.8381



17.7929, 17.6702, 18.2363



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.



59.1625, 51.5407, 45.8605



61.6919, 51.1878, 42.5850



66.8432, 66.9021, 48.4208



16.4993, 16.4827, 17.1094



20.2863, 10.4582, 0.9494



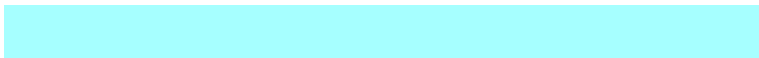
1.7830, 0.9192, 0.0835

Inverse Universe

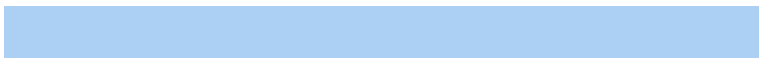
The Inverse Universe completely reimagines the original color for something new.



65.2405, 79.3404, 96.6700



69.4816, 86.8161, 107.7029



55.6256, 60.1106, 93.4650



16.9967, 18.7576, 21.2673



26.4667, 38.7273, 52.6182



2.3262, 3.4038, 4.6246

Previews

White Background



This preview shows how the XYZ color 59.1611, 51.5383, 45.8595 looks on a white background.

Color Contrast Check

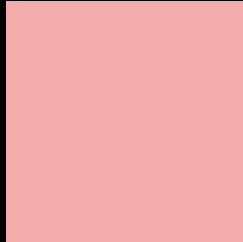
Large Text (above 18pt) WCAG AA × Fail

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 59.1611, 51.5383, 45.8595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

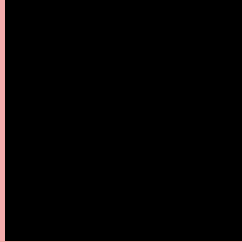
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1611, 51.5383, 45.8595

Background



This preview shows how black text looks on a background with the XYZ color 59.1611, 51.5383, 45.8595.



This preview shows how white text looks on a background with the XYZ color 59.1611, 51.5383,

45.8595.

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

59.1611, 51.5383, 45.8595

Protanopia

49.5189, 51.8989, 51.1236

Deuteranopia

52.7151, 51.7822, 45.2468



Tritanopia

60.2302, 51.4014, 51.5467

Trichromacy



Original Color

59.1611, 51.5383, 45.8595

Protanomaly

52.4099, 51.2275, 49.2451

Deuteranomaly

55.0360, 51.7515, 45.6164

Tritanomaly

60.0078, 51.6136, 49.4475

Monochromacy



Original Color

59.1611, 51.5383, 45.8595

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.9699, 52.0496, 53.1537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1611, 51.5383, 45.8595 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(243, 172, 172)` looks like.

```
.text, #text, p{  
    color:rgb(243, 172, 172)  
}
```

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(243, 172, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 172, 172) }
```

Border

The CSS property to change the border of an element to XYZ 59.1611, 51.5383, 45.8595 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(243, 172, 172) }
```


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

```
.border{ border-color:rgb(243, 172, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 172, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 172, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 172, 172);  
box-shadow:4px 4px 4px 4px rgb(243, 172,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1611, 51.5383, 45.8595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 172, 172) }
```

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

```
.background{ background-color: rgb(243,  
172, 172) }
```

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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