

Converting Colors

XYZ(59.2248, 51.3994, 55.3125)

Have a look what the booklet for
XYZ(59.2248, 51.3994, 55.3125)
contains.

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Color

**XYZ(59.3067, 51.3999,
55.5106)**

Conversions

Conversions Part 1

Format	Color
Hex	EEACBE
RGB	238, 172, 190
RGB Percent	93%, 67%, 75%
CMY	0.0667, 0.3255, 0.2549
CMYK	0.00, 0.28, 0.20, 0.07
HSL	344°, 66%, 80%
HSV	344°, 28%, 93%
XYZ	59.3067, 51.3999, 55.5106
YIQ	193.7860, 33.5580, 19.5900

Conversions

Conversions Part 2

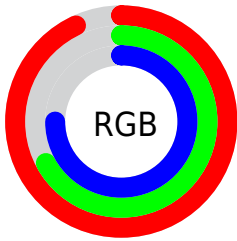
Format	Color
R _Y B	238, 172, 190
Decimal	15641790
CIE Lab	76.92, 26.74, 0.44
CIE LCh	77, 26.743, 0.933
Yxy	51.3999, 0.3568, 0.3092
Android (android.graphics.Color)	4293831870 (0xFFEEACBE)
YUV	193.7860, -1.8665, 38.7757
Hunter-Lab	71.6937, 22.1953, 4.2789

Details

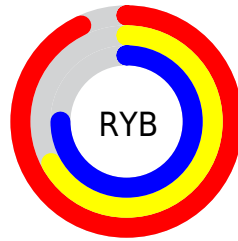
The XYZ color **59.3067, 51.3999, 55.5106** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.5082, 75.0883, 79.0182**, and the grayscale version is **51.1497, 53.8135, 58.6029**.

A 20% lighter version of the original color is **85.6180, 83.4006, 98.7742**, and **30.1682, 24.8236, 26.8683** is the 20% darker color. If you saturate the color by 10%, you get **53.3953, 42.4268, 44.7535**, and if you desaturate by 10%, it is **66.2569, 62.0898, 67.7238**.

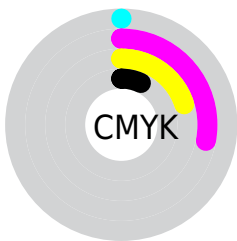
Distribution



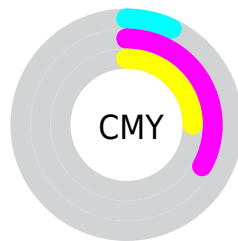
- Red (93%)
- Green (67%)
- Blue (75%)



- Red (93%)
- Yellow (67%)
- Blue (75%)



- Cyan (0%)
- Magenta (28%)
- Yellow (20%)
- Black (7%)





- Cyan (7%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3067, 51.3999, 55.5106 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 59.3067, 51.3999, 55.5106 by changing the saturation by 10% instead.


 59.3067, 51.3999,
55.5106

 59.3067, 51.3999,
55.5106


411.9134,
392.1155, 425.1809

 43.1074, 36.5270,
39.4093

 102.9354, 92.2456,
99.7673

 30.1643, 24.8415,
26.7680


131.0954,
118.9872, 128.7598

 20.1120, 15.9590,
17.1682


163.9731,
150.4538, 162.8865

 12.5852, 9.4951,
10.1912

201.9338,
187.0297, 202.5658

 7.2186, 5.0655,
5.4187

245.3428,
229.0995, 248.2164

 3.6467, 2.2858,
2.4320

294.5655,

 1.5043, 0.7662,

277.0475, 300.2567

0.8038

349.9672,
331.2580, 359.1054

■ 0.3287, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3067, 51.3999,
55.5106

■ 59.3067, 51.3999,
55.5106

■ 53.3953, 42.4268,
44.7535

■ 66.2569, 62.0898,
67.7238

■ 48.4671, 35.0738,
35.3936

■ 74.2891, 74.5727,
81.4425

■ 44.4681, 29.2452,
27.3726

■ 83.4492, 88.9285,
96.7176

■ 41.3369, 24.8324,
20.6266

■ 89.0701, 96.9173,
108.6201

■ 39.0043, 21.7123,
15.0858

■ 37.3899, 19.7402,
10.6732

■ 36.3877, 18.7221,
7.2984

■ 36.2113, 18.5577,
6.6590

Harmonies

Analogous

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



57.9166, 51.3999, 70.7161



59.3067, 51.3999, 55.5106



57.7383, 51.3999, 42.7598

Triad

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



59.3067, 51.3999, 55.5106



43.9943, 51.3999, 35.2032



44.2522, 51.3999, 84.2106

Complementary

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



59.3067, 51.3999, 55.5106



60.5082, 75.0883, 79.0182

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.



40.9314, 51.3999, 71.6441



59.3067, 51.3999, 55.5106



40.7900, 51.3999, 43.4239

Square

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



59.3067, 51.3999, 55.5106



48.6949, 51.3999, 32.3597



39.7079, 51.3999, 56.4234



49.0136, 51.3999, 88.9262

Rectangle

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



59.3067, 51.3999, 55.5106



55.2847, 51.3999, 36.9039



39.7079, 51.3999, 56.4234



42.9425, 51.3999, 80.6681

Sweetspot

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



59.3081, 51.4023, 55.5117



86.5863, 86.7488, 94.7454



59.4907, 50.7873, 87.5568



18.2128, 18.0684, 19.7379



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.



59.3081, 51.4023, 55.5117



65.4893, 54.2151, 57.9318



60.3302, 56.4024, 46.7397



15.9499, 15.8297, 17.2921



20.2486, 10.3719, 3.9596



1.7248, 0.8790, 0.5419

Inverse Universe

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



59.3081, 51.4023, 55.5117



65.4893, 54.2151, 57.9318



59.0228, 68.0955, 90.9223



15.9499, 15.8297, 17.2921



20.2486, 10.3719, 3.9596



1.7248, 0.8790, 0.5419

Previews

White Background



This preview shows how the XYZ color 59.3067, 51.3999, 55.5106 looks on a white background.

Color Contrast Check

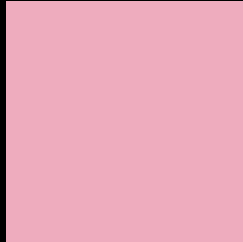
Large Text (above 18pt) WCAG AA × Fail

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 59.3067, 51.3999, 55.5106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

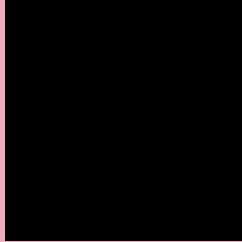
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3067, 51.3999, 55.5106

Background



This preview shows how black text looks on a background with the XYZ color 59.3067, 51.3999, 55.5106.



This preview shows how white text looks on a background with the XYZ color 59.3067, 51.3999,

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

59.3067, 51.3999, 55.5106

Protanopia

50.1088, 51.6417, 61.9704

Deuteranopia

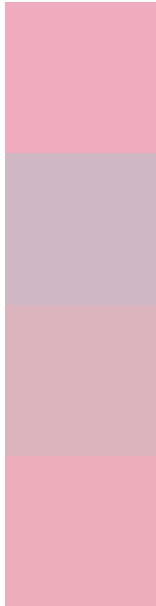
52.5121, 51.4671, 54.7434



Tritanopia

59.0664, 51.6095, 53.3029

Trichromacy



Original Color

59.3067, 51.3999, 55.5106

Protanomaly

52.9097, 51.2624, 59.3305

Deuteranomaly

55.0218, 51.5323, 55.1909

Tritanomaly

59.1731, 51.6521, 53.8648

Monochromacy



Original Color

59.3067, 51.3999, 55.5106

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.7629, 52.6697, 57.7847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3067, 51.3999, 55.5106 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, 172, 190)` looks like.

```
.text, #text, p{  
    color:rgb(238, 172, 190)  
}
```

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, 172, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 172, 190) }
```

Border

The CSS property to change the border of an element to XYZ 59.3067, 51.3999, 55.5106 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, 172, 190) }
```


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

```
.border{ border-color:rgb(238, 172, 190) }
```

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

Here you see how a box with a 4 pixel rgb(238, 172, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 172, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 172, 190);  
box-shadow:4px 4px 4px 4px rgb(238, 172,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3067, 51.3999, 55.5106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 172, 190) }
```

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

```
.background{ background-color: rgb(238,  
172, 190) }
```

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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