

Converting Colors

XYZ(59.6582, 51.1818, 56.1778)

Have a look what the booklet for
XYZ(59.6582, 51.1818, 56.1778)
contains.

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Color

**XYZ(59.5635, 51.2381,
56.0408)**

Conversions

Conversions Part 1

Format	Color
Hex	EFABBF
RGB	239, 171, 191
RGB Percent	94%, 67%, 75%
CMY	0.0627, 0.3294, 0.2510
CMYK	0.00, 0.28, 0.20, 0.06
HSL	342°, 68%, 80%
HSV	342°, 28%, 94%
XYZ	59.5635, 51.2381, 56.0408
YIQ	193.6120, 34.1080, 20.6360

Conversions

Conversions Part 2

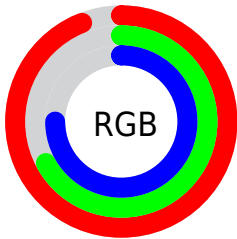
Format	Color
R _Y B	239, 171, 191
Decimal	15707071
CIE Lab	76.82, 27.78, -0.24
CIE LCh	77, 27.777, 359.505
Yxy	51.2381, 0.3570, 0.3071
Android (android.graphics.Color)	4293897151 (0xFFEFABBF)
YUV	193.6120, -1.2877, 39.8053
Hunter-Lab	71.5808, 23.2663, 3.6883

Details

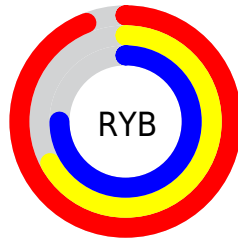
The XYZ color **59.5635, 51.2381, 56.0408** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.4494, 75.5068, 78.4098**, and the grayscale version is **51.0434, 53.7016, 58.4811**.

A 20% lighter version of the original color is **85.4976, 82.9136, 99.4934**, and **30.3573, 24.7369, 27.2195** is the 20% darker color. If you saturate the color by 10%, you get **53.6996, 42.3122, 45.4474**, and if you desaturate by 10%, it is **66.4604, 61.8867, 68.0350**.

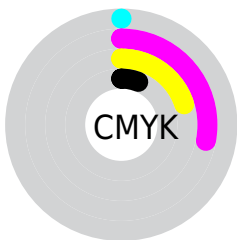
Distribution



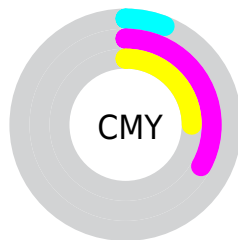
- Red (94%)
- Green (67%)
- Blue (75%)



- Red (94%)
- Yellow (67%)
- Blue (75%)



- Cyan (0%)
- Magenta (28%)
- Yellow (20%)
- Black (6%)



- Cyan (6%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5635, 51.2381, 56.0408 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 59.5635, 51.2381, 56.0408 by changing the saturation by 10% instead.

■ 59.5635, 51.2381,
56.0408

■ 59.5635, 51.2381,
56.0408

412.8475,
391.4881, 427.2379

■ 43.3150, 36.3981,
39.8314

■ 103.3062, 92.0066,
100.5506

■ 30.3279, 24.7418,
27.0943

131.5310,
118.7040, 129.6881

■ 20.2370, 15.8848,
17.4110

164.4788,
150.1226, 163.9721

■ 12.6767, 9.4427,
10.3629

202.5147,
186.6468, 203.8211

■ 7.2817, 5.0310,
5.5315

246.0042,
228.6611, 249.6536

■ 3.6868, 2.2655,
2.4982

295.3126,

■ 1.5265, 0.7553,

276.5498, 301.8882

0.8392

350.8053,
330.6974, 360.9435

■ 0.3438, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5635, 51.2381,
56.0408

■ 59.5635, 51.2381,
56.0408

■ 53.6996, 42.3122,
45.4474

■ 66.4604, 61.8867,
68.0350

■ 48.8132, 35.0110,
36.1988

■ 74.4335, 74.3350,
81.4766

■ 44.8498, 29.2374,
28.2399

■ 83.5289, 88.6639,
96.4140

■ 41.7479, 24.8812,
21.5103

■ 89.4069, 97.0909,
108.6359

■ 39.4379, 21.8169,
15.9440

■ 37.8385, 19.8970,
11.4680

■ 36.8363, 18.9110,
7.9945

■ 36.7113, 18.7966,
7.5346

Harmonies

Analogous

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



57.9737, 51.2381, 71.8674



59.5635, 51.2381, 56.0408



58.0721, 51.2381, 42.6708

Triad

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



59.5635, 51.2381, 56.0408



43.8736, 51.2381, 34.1344



43.7322, 51.2381, 84.7508

Complementary

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



59.5635, 51.2381, 56.0408



60.4494, 75.5068, 78.4098

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.



40.3952, 51.2381, 71.3542



59.5635, 51.2381, 56.0408



40.4726, 51.2381, 42.3085

Square

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



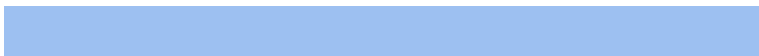
59.5635, 51.2381, 56.0408



48.7879, 51.2381, 31.4913



39.2453, 51.2381, 55.5391



48.6127, 51.2381, 90.1710

Rectangle

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



59.5635, 51.2381, 56.0408



55.5884, 51.2381, 36.4861



39.2453, 51.2381, 55.5391



42.4060, 51.2381, 80.9246

Sweetspot

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



59.5649, 51.2405, 56.0418



85.6610, 85.2215, 93.4403



59.2380, 50.3585, 88.2599



18.0316, 17.7655, 19.4937



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.



59.5649, 51.2405, 56.0418



65.0128, 53.2620, 57.7729



60.2145, 55.8241, 46.1324



15.9640, 15.8353, 17.3667



20.3371, 10.4073, 4.4259



1.7338, 0.8826, 0.5889

Inverse Universe

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



59.5649, 51.2405, 56.0418



65.0128, 53.2620, 57.7729



59.4099, 68.9585, 91.8410



15.9640, 15.8353, 17.3667



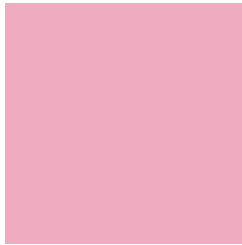
20.3371, 10.4073, 4.4259



1.7338, 0.8826, 0.5889

Previews

White Background



This preview shows how the XYZ color 59.5635, 51.2381, 56.0408 looks on a white background.

Color Contrast Check

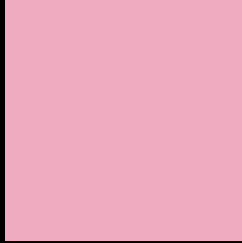
Large Text (above 18pt) WCAG AA × Fail

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 59.5635, 51.2381, 56.0408 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 59.5635, 51.2381, 56.0408

Background



This preview shows how black text looks on a background with the XYZ color 59.5635, 51.2381, 56.0408.



This preview shows how white text looks on a background with the XYZ color 59.5635, 51.2381,

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

59.5635, 51.2381, 56.0408

Protanopia

50.0935, 51.6066, 63.1980

Deuteranopia

52.6203, 51.5104, 55.3132



Tritanopia

58.7694, 51.1850, 52.6811

Trichromacy



Original Color

59.5635, 51.2381, 56.0408

Protanomaly

52.9334, 50.9430, 60.4692

Deuteranomaly

54.9296, 51.1735, 55.6976

Tritanomaly

58.9821, 51.2700, 53.8011

Monochromacy



Original Color

59.5635, 51.2381, 56.0408

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 59.5635, 51.2381, 56.0408 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(239, 171, 191)` looks like.

```
.text, #text, p{  
    color:rgb(239, 171, 191)  
}
```

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(239, 171, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 171, 191) }
```

Border

The CSS property to change the border of an element to XYZ 59.5635, 51.2381, 56.0408 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(239, 171, 191) }
```


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

```
.border{ border-color:rgb(239, 171, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 171, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 171, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 171, 191);  
box-shadow:4px 4px 4px 4px rgb(239, 171,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5635, 51.2381, 56.0408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 171, 191) }
```

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

```
.background{ background-color: rgb(239,  
171, 191) }
```

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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