

Converting Colors

XYZ(59.2118, 50.8992, 57.3199)

Have a look what the booklet for
XYZ(59.2118, 50.8992, 57.3199)
contains.

XYZ(59.1136, 50.9806, 57.1767)	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(59.1136, 50.9806,
57.1767)**

Conversions

Conversions Part 1

Format	Color
Hex	EDABC1
RGB	237, 171, 193
RGB Percent	93%, 67%, 76%
CMY	0.0706, 0.3294, 0.2431
CMYK	0.00, 0.28, 0.19, 0.07
HSL	340°, 65%, 80%
HSV	340°, 28%, 93%
XYZ	59.1136, 50.9806, 57.1767
YIQ	193.2420, 32.2740, 20.8340

Conversions

Conversions Part 2

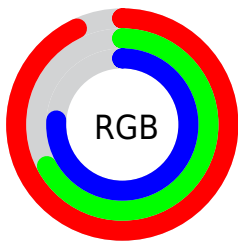
Format	Color
R _Y B	237, 171, 193
Decimal	15576001
CIE Lab	76.67, 27.37, -1.58
CIE LCh	77, 27.413, 356.687
Yxy	50.9806, 0.3534, 0.3048
Android (android.graphics.Color)	4293766081 (0xFFEDABC1)
YUV	193.2420, -0.1193, 38.3758
Hunter-Lab	71.4007, 22.8313, 2.5019

Details

The XYZ color **59.1136, 50.9806, 57.1767** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.3466, 74.1339, 75.4749**, and the grayscale version is **50.8195, 53.4661, 58.2245**.

A 20% lighter version of the original color is **85.8080, 83.0377, 101.1278**, and **30.0344, 24.5536, 27.9673** is the 20% darker color. If you saturate the color by 10%, you get **53.3624, 42.1496, 47.0228**, and if you desaturate by 10%, it is **65.8587, 61.4968, 68.5923**.

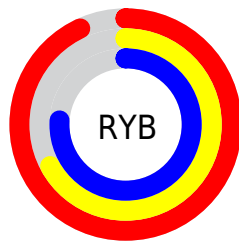
Distribution



Red (93%)

Green (67%)

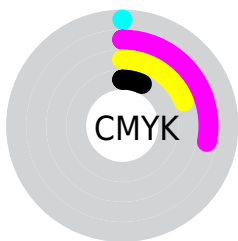
Blue (76%)



Red (93%)

Yellow (67%)

Blue (76%)

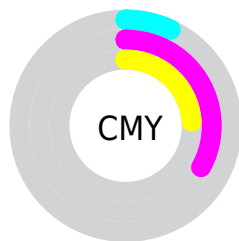


Cyan (0%)

Magenta (28%)

Yellow (19%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1136, 50.9806, 57.1767 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 59.1136, 50.9806, 57.1767 by changing the saturation by 10% instead.


 59.1136, 50.9806,
57.1767

 59.1136, 50.9806,
57.1767


411.2101,
390.4884, 431.6234

 42.9513, 36.1932,
40.7368


 102.6564, 91.6261,
102.2259

 30.0413, 24.5834,
27.7953


130.7677,
118.2530, 131.6722

 20.0181, 15.7670,
17.9337


163.5926,
149.5951, 166.2912

 12.5166, 9.3594,
10.7335

201.4966,
186.0368, 206.5012

 7.1712, 4.9763,
5.7760

244.8450,
227.9627, 252.7209

 3.6167, 2.2334,
2.6428

294.0031,

 1.4876, 0.7381,

275.7569, 305.3688

0.9144

349.3363,
329.8041, 364.8635

■ 0.3174, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1136, 50.9806,
57.1767

■ 59.1136, 50.9806,
57.1767

■ 53.3624, 42.1496,
47.0228

■ 65.8587, 61.4968,
68.5923

■ 48.5519, 34.9086,
38.0820

■ 73.6386, 73.7729,
81.3092

■ 44.6305, 29.1637,
30.3073

■ 82.4973, 87.8873,
95.3693

■ 41.5395, 24.8081,
23.6467

■ 88.7353, 96.7446,
108.6045

■ 39.2130, 21.7208,
18.0441

■ 37.5737, 19.7594,
13.4371

■ 36.5187, 18.7307,
9.7520

■ 36.3362, 18.5690,
9.0642

Harmonies

Analogous

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



57.2803, 50.9806, 72.7267



59.1136, 50.9806, 57.1767



57.9272, 50.9806, 43.6401

Triad

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



59.1136, 50.9806, 57.1767



44.1115, 50.9806, 33.6940



43.1802, 50.9806, 82.9743

Complementary

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



59.1136, 50.9806, 57.1767



59.3466, 74.1339, 75.4749

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.



40.0771, 50.9806, 69.3560



59.1136, 50.9806, 57.1767



40.5872, 50.9806, 41.2492

Square

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



59.1136, 50.9806, 57.1767



49.0343, 50.9806, 31.5915



39.1623, 50.9806, 53.8745



47.8813, 50.9806, 89.1991

Rectangle

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



59.1136, 50.9806, 57.1767



55.6266, 50.9806, 37.2067



39.1623, 50.9806, 53.8745



41.9289, 50.9806, 79.0027

Sweetspot

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



59.1150, 50.9829, 57.1777



86.7708, 86.8226, 95.7171



57.8752, 49.6899, 86.6620



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.



59.1150, 50.9829, 57.1777



66.0714, 54.4479, 60.9969



59.0055, 54.4030, 45.9219



15.2725, 15.1369, 16.7205



19.8925, 10.1597, 5.2351



1.6052, 0.8151, 0.6385

Inverse Universe

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



59.1150, 50.9829, 57.1777



66.0714, 54.4479, 60.9969



59.2788, 69.1666, 90.3474



15.2725, 15.1369, 16.7205



19.8925, 10.1597, 5.2351



1.6052, 0.8151, 0.6385

Previews

White Background



This preview shows how the XYZ color 59.1136, 50.9806, 57.1767 looks on a white background.

Color Contrast Check

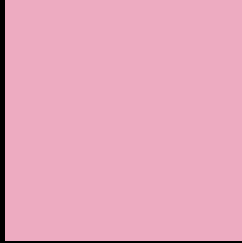
Large Text (above 18pt) WCAG AA × Fail

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 59.1136, 50.9806, 57.1767 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 59.1136, 50.9806, 57.1767

Background



This preview shows how black text looks on a background with the XYZ color 59.1136, 50.9806, 57.1767.



This preview shows how white text looks on a background with the XYZ color 59.1136, 50.9806,

57.1767.

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

59.1136, 50.9806, 57.1767

Protanopia

49.7490, 51.0971, 63.7406

Deuteranopia

52.2766, 51.3080, 56.4384



Tritanopia

58.1016, 50.8407, 52.6499

Trichromacy



Original Color

59.1136, 50.9806, 57.1767

Protanomaly

52.4904, 50.7012, 61.0526

Deuteranomaly

54.5480, 50.9514, 56.8288

Tritanomaly

58.4217, 50.9688, 54.3357

Monochromacy



Original Color

59.1136, 50.9806, 57.1767

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.2691, 52.1035, 57.7015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1136, 50.9806, 57.1767 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(237, 171, 193)` looks like.

```
.text, #text, p{  
    color:rgb(237, 171, 193)  
}
```

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(237, 171, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 171, 193) }
```

Border

The CSS property to change the border of an element to XYZ 59.1136, 50.9806, 57.1767 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(237, 171, 193) }
```


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

```
.border{ border-color:rgb(237, 171, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 171, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 171, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 171, 193);  
box-shadow:4px 4px 4px 4px rgb(237, 171,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1136, 50.9806, 57.1767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 171, 193) }
```

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

```
.background{ background-color: rgb(237,  
171, 193) }
```

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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