

Converting Colors

XYZ(59.5259, 50.8740, 77.4289)

Have a look what the booklet for
XYZ(59.5259, 50.8740, 77.4289)
contains.

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Color

**XYZ(59.3815, 50.6764,
77.1728)**

Conversions

Conversions Part 1

Format	Color
Hex	E2ABE0
RGB	226, 171, 224
RGB Percent	89%, 67%, 88%
CMY	0.1137, 0.3294, 0.1216
CMYK	0.00, 0.24, 0.01, 0.11
HSL	302°, 49%, 78%
HSV	302°, 24%, 89%
XYZ	59.3815, 50.6764, 77.1728
YIQ	193.4870, 15.7670, 28.1430

Conversions

Conversions Part 2

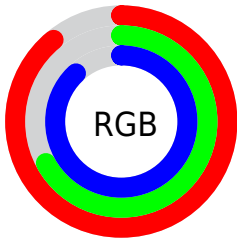
Format	Color
R _Y B	226, 171, 224
Decimal	14855136
CIE Lab	76.48, 28.81, -18.87
CIE LCh	76, 34.436, 326.778
Yxy	50.6764, 0.3172, 0.2707
Android (android.graphics.Color)	4293045216 (0xFFE2ABE0)
YUV	193.4870, 15.0429, 28.5139
Hunter-Lab	71.1874, 24.3193, -14.4440

Details

The XYZ color **59.3815, 50.6764, 77.1728** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.5358, 66.0694, 49.5744**, and the grayscale version is **50.8842, 53.5341, 58.2986**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **30.2174, 24.3675, 40.6469** is the 20% darker color. If you saturate the color by 10%, you get **55.3615, 42.8134, 75.2846**, and if you desaturate by 10%, it is **64.1350, 60.0037, 79.3093**.

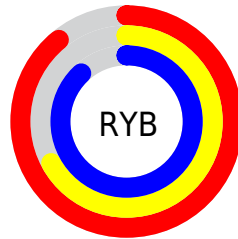
Distribution



Red (89%)

Green (67%)

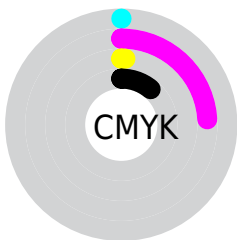
Blue (88%)



Red (89%)

Yellow (67%)

Blue (88%)

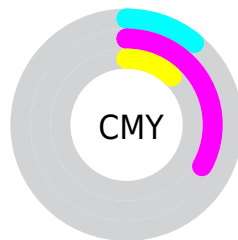


Cyan (0%)

Magenta (24%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (33%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3815, 50.6764, 77.1728 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 59.3815, 50.6764, 77.1728 by changing the saturation by 10% instead.

■ 59.3815, 50.6764,
77.1728

■ 59.3815, 50.6764,
77.1728

412.1856,
389.3052, 504.8063

■ 43.1679, 35.9511,
56.8823

■ 103.0434, 91.1763,
131.1586

■ 30.2119, 24.3965,
40.5020

131.2223,
117.7196, 165.6910

■ 20.1484, 15.6280,
27.6134

164.1204,
148.9712, 205.8078

■ 12.6118, 9.2613,
17.7980

202.1031,
185.3153, 251.9275

■ 7.2370, 4.9120,
10.6371

245.5355,
227.1364, 304.4686

■ 3.6584, 2.1957,
5.7123

294.7832,

■ 1.5107, 0.7177,

274.8188, 363.8498

2.6050

350.2114,
328.7469, 430.4895

■ 0.3331, 0.0000,
0.8950

■ 0.0000, 0.0000,
0.0000

■ 59.3815, 50.6764,
77.1728

■ 59.3815, 50.6764,
77.1728

■ 55.3615, 42.8134,
75.2846

■ 64.1350, 60.0037,
79.3093

■ 52.0331, 36.3339,
73.6290

■ 69.6518, 70.8576,
81.7023

■ 49.3577, 31.1593,
72.1938

■ 75.9658, 83.3049,
84.3637

■ 47.2905, 27.2004,
70.9639

■ 81.0296, 93.2510,
86.6111

45.7816, 24.3571,
69.9228

81.1435, 93.2966,
87.2111

44.7727, 22.5131,
69.0510

81.2580, 93.3424,
87.8141

44.1931, 21.5267,
68.3249

81.3731, 93.3884,
88.4199

43.9907, 21.2195,
67.9567

81.4887, 93.4347,
89.0286

81.6048, 93.4811,
89.6401

Harmonies

Analogous

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



54.0120, 50.6764, 93.6416



59.3815, 50.6764, 77.1728



61.7349, 50.6764, 57.2114

Triad

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



59.3815, 50.6764, 77.1728



48.8713, 50.6764, 26.6285



37.8599, 50.6764, 72.9023

Complementary

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



59.3815, 50.6764, 77.1728



51.5358, 66.0694, 49.5744

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.



36.7476, 50.6764, 53.1933



59.3815, 50.6764, 77.1728



42.7586, 50.6764, 29.0208

Square

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



59.3815, 50.6764, 77.1728



55.3340, 50.6764, 30.3496



38.4605, 50.6764, 37.8180



41.6461, 50.6764, 90.8123

Rectangle

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



59.3815, 50.6764, 77.1728



61.1331, 50.6764, 45.4883



38.4605, 50.6764, 37.8180



37.1765, 50.6764, 66.1544

Sweetspot

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



59.3831, 50.6786, 77.1739



89.5133, 89.0935, 106.5396



45.4894, 43.4846, 77.9484



19.0625, 18.8788, 22.7620



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.



59.3831, 50.6786, 77.1739



75.3939, 61.3760, 100.2264



55.9686, 49.3129, 59.1938



14.2724, 13.9266, 17.2044



25.1064, 12.1096, 38.8216



1.7471, 0.8421, 2.7269

Inverse Universe

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



59.3831, 50.6786, 77.1739



75.3939, 61.3760, 100.2264



54.4572, 67.2379, 64.9580



14.2724, 13.9266, 17.2044



25.1064, 12.1096, 38.8216



1.7471, 0.8421, 2.7269

Previews

White Background



This preview shows how the XYZ color 59.3815, 50.6764, 77.1728 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 59.3815, 50.6764, 77.1728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

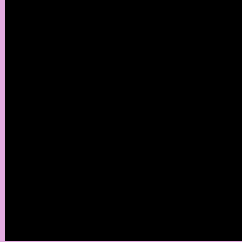
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3815, 50.6764, 77.1728

Background



This preview shows how black text looks on a background with the XYZ color 59.3815, 50.6764, 77.1728.



This preview shows how white text looks on a background with the XYZ color 59.3815, 50.6764,

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

59.3815, 50.6764, 77.1728

Protanopia

51.1258, 51.0038, 85.7474

Deuteranopia

51.9299, 50.7079, 75.4572



Tritanopia

54.9449, 50.5780, 56.1568

Trichromacy



Original Color

59.3815, 50.6764, 77.1728



Protanomaly

53.4534, 50.4194, 82.5159



Deuteranomaly

54.2068, 50.3515, 75.9690



Tritanomaly

56.5409, 50.6597, 63.2982

Monochromacy



Original Color

59.3815, 50.6764, 77.1728



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

53.4249, 52.0367, 64.3550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3815, 50.6764, 77.1728 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(226, 171, 224)` looks like.

```
.text, #text, p{  
    color:rgb(226, 171, 224)  
}
```

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(226, 171, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 171, 224) }
```

Border

The CSS property to change the border of an element to XYZ 59.3815, 50.6764, 77.1728 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(226, 171, 224) }
```


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

```
.border{ border-color:rgb(226, 171, 224) }
```

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

Here you see how a box with a 4 pixel rgb(226, 171, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 171, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 171, 224);  
box-shadow:4px 4px 4px 4px rgb(226, 171,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3815, 50.6764, 77.1728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 171, 224) }
```

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

```
.background{ background-color: rgb(226,  
171, 224) }
```

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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