

Converting Colors

XYZ(59.5865, 51.6099, 60.9872)

Have a look what the booklet for
XYZ(59.5865, 51.6099, 60.9872)
contains.

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Color

**XYZ(59.5133, 51.6728,
60.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	EBADC7
RGB	235, 173, 199
RGB Percent	92%, 68%, 78%
CMY	0.0784, 0.3215, 0.2196
CMYK	0.00, 0.26, 0.15, 0.08
HSL	335°, 61%, 80%
HSV	335°, 26%, 92%
XYZ	59.5133, 51.6728, 60.8700
YIQ	194.5020, 28.6060, 21.2300

Conversions

Conversions Part 2

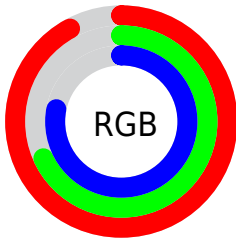
Format	Color
R_{YB}	235, 173, 199
Decimal	15445447
CIE Lab	77.08, 26.53, -4.27
CIE LCh	77, 26.868, 350.864
Yxy	51.6728, 0.3459, 0.3003
Android (android.graphics.Color)	4293635527 (0xFFEBADC7)
YUV	194.5020, 2.2175, 35.5167
Hunter-Lab	71.8838, 21.9853, 0.1129

Details

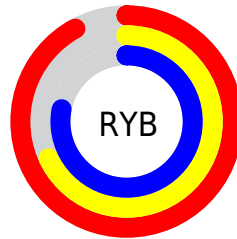
The XYZ color **59.5133, 51.6728, 60.8700** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.4526, 72.9057, 71.3164**, and the grayscale version is **51.5522, 54.2370, 59.0641**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **30.1874, 24.9423, 30.0113** is the 20% darker color. If you saturate the color by 10%, you get **53.8833, 42.8353, 51.5238**, and if you desaturate by 10%, it is **66.0809, 62.1569, 71.2309**.

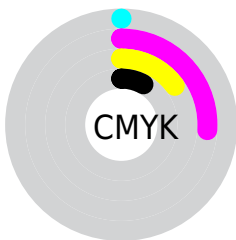
Distribution



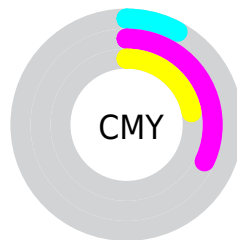
- Red (92%)
- Green (68%)
- Blue (78%)



- Red (92%)
- Yellow (68%)
- Blue (78%)



- Cyan (0%)
- Magenta (26%)
- Yellow (15%)
- Black (8%)





- Cyan (8%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5133, 51.6728, 60.8700 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 59.5133, 51.6728, 60.8700 by changing the saturation by 10% instead.


 59.5133, 51.6728,
60.8700

 59.5133, 51.6728,
60.8700


412.6650,
393.1721, 445.6905

 43.2744, 36.7443,
43.6904

 103.2337, 92.6485,
107.6464

 30.2959, 25.0096,
30.0918


131.4459,
119.4645, 138.0802

 20.2125, 16.0842,
19.6556


164.3800,
151.0119, 173.7692

 12.6588, 9.5838,
11.9634

202.4012,
187.6750, 215.1319

 7.2694, 5.1239,
6.5965

245.8750,
229.8381, 262.5869

 3.6790, 2.3201,
3.1365

295.1666,

 1.5222, 0.7843,

277.8858, 316.5526

1.1647

350.6415,
332.2023, 377.4476

■ 0.3408, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5133, 51.6728,
60.8700

■ 59.5133, 51.6728,
60.8700

■ 53.8833, 42.8353,
51.5238

■ 66.0809, 62.1569,
71.2309

■ 49.1412, 35.5528,
43.1557

■ 73.6237, 74.3588,
82.6351

■ 45.2394, 29.7355,
35.7312

■ 82.1826, 88.3543,
95.1136

■ 42.1235, 25.2814,
29.2125

■ 87.8443, 96.3115,
107.3785

■ 39.7327, 22.0754,
23.5581

■ 88.0712, 96.4023,
108.5734

■ 37.9961, 19.9829,
18.7225

■ 36.8258, 18.8358,
14.6530

■ 36.4914, 18.5544,
13.3473

Harmonies

Analogous

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



57.1710, 51.6728, 76.0491



59.5133, 51.6728, 60.8700



58.9222, 51.6728, 46.7871

Triad

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



59.5133, 51.6728, 60.8700



45.6826, 51.6728, 33.7734



43.1454, 51.6728, 81.1502

Complementary

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



59.5133, 51.6728, 60.8700



58.4526, 72.9057, 71.3164

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.



40.4586, 51.6728, 66.9388



59.5133, 51.6728, 60.8700



41.8510, 51.6728, 40.2459

Square

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



59.5133, 51.6728, 60.8700



50.6968, 51.6728, 32.7211



40.0017, 51.6728, 51.8943



47.5634, 51.6728, 89.0276

Rectangle

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



59.5133, 51.6728, 60.8700



56.9596, 51.6728, 39.7260



40.0017, 51.6728, 51.8943



42.0231, 51.6728, 76.8498

Sweetspot

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



59.5148, 51.6752, 60.8711



87.0349, 86.9282, 97.1076



55.9909, 49.3171, 85.1660



18.3253, 18.1134, 20.3303



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.



59.5148, 51.6752, 60.8711



67.5984, 55.8360, 66.6418



57.5541, 52.1787, 46.5761



15.3275, 15.1588, 17.0098



20.3694, 10.3505, 7.7466



1.6465, 0.8316, 0.8560

Inverse Universe

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



59.5148, 51.6752, 60.8711



67.5984, 55.8360, 66.6418



60.7692, 71.9609, 89.2848



15.3275, 15.1588, 17.0098



20.3694, 10.3505, 7.7466



1.6465, 0.8316, 0.8560

Previews

White Background



This preview shows how the XYZ color 59.5133, 51.6728, 60.8700 looks on a white background.

Color Contrast Check

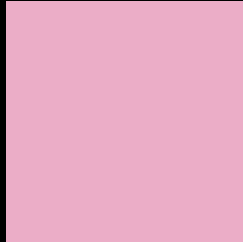
Large Text (above 18pt) WCAG AA × Fail

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 59.5133, 51.6728, 60.8700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

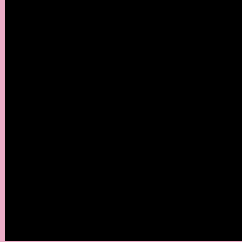
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5133, 51.6728, 60.8700

Background



This preview shows how black text looks on a background with the XYZ color 59.5133, 51.6728, 60.8700.



This preview shows how white text looks on a background with the XYZ color 59.5133, 51.6728,

60.8700.

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

59.5133, 51.6728, 60.8700

Protanopia

50.6925, 51.8175, 67.6516

Deuteranopia

52.8806, 51.8510, 60.0444



Tritanopia

58.3388, 51.7832, 54.4973

Trichromacy



Original Color

59.5133, 51.6728, 60.8700

Protanomaly

53.4065, 51.3966, 64.8633

Deuteranomaly

55.3322, 51.8767, 60.5230

Tritanomaly

58.5822, 51.5703, 56.7356

Monochromacy



Original Color

59.5133, 51.6728, 60.8700

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.3125, 53.2278, 59.6360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5133, 51.6728, 60.8700 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(235, 173, 199)` looks like.

```
.text, #text, p{  
    color:rgb(235, 173, 199)  
}
```

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(235, 173, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 173, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.5133, 51.6728, 60.8700 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(235, 173, 199) }
```


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

```
.border{ border-color:rgb(235, 173, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 173, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 173, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 173, 199);  
box-shadow:4px 4px 4px 4px rgb(235, 173,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5133, 51.6728, 60.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 173, 199) }
```

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

```
.background{ background-color: rgb(235,  
173, 199) }
```

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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