

# Converting Colors

XYZ(59.3928, 51.0559, 58.5347)

Have a look what the booklet for  
XYZ(59.3928, 51.0559, 58.5347)  
contains.

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# Color

**XYZ(59.3383, 51.0705,  
58.3599)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | EDABC3                     |
| RGB           | 237, 171, 195              |
| RGB Percent   | 93%, 67%, 76%              |
| CMY           | 0.0706, 0.3294, 0.2353     |
| CMYK          | 0.00, 0.28, 0.18, 0.07     |
| HSL           | 338°, 65%, 80%             |
| HSV           | 338°, 28%, 93%             |
| XYZ           | 59.3383, 51.0705, 58.3599  |
| YIQ           | 193.4700, 31.6320, 21.4560 |

# Conversions

## Conversions Part 2

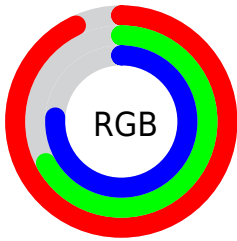
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 237, 171, 195                |
| Decimal                             | 15576003                     |
| CIE <sub>Lab</sub>                  | 76.72, 27.67, -2.60          |
| CIE <sub>LCh</sub>                  | 77, 27.794, 354.641          |
| Yxy                                 | 51.0705, 0.3516,<br>0.3026   |
| Android<br>(android.graphics.Color) | 4293766083<br>(0xFFEDABC3)   |
| YUV                                 | 193.4700, 0.7543,<br>38.1758 |
| Hunter-Lab                          | 71.4636, 23.1523,<br>1.6061  |

# Details

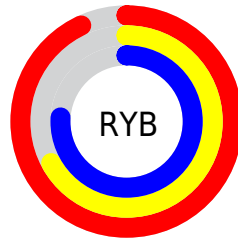
The XYZ color **59.3383, 51.0705, 58.3599** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.0912, 74.0317, 74.1295**, and the grayscale version is **50.9491, 53.6024, 58.3730**.

A 20% lighter version of the original color is **86.2798, 83.2264, 103.6123**, and **30.1085, 24.5833, 28.3575** is the 20% darker color. If you saturate the color by 10%, you get **53.6365, 42.2593, 48.4663**, and if you desaturate by 10%, it is **66.0179, 61.5605, 69.4305**.

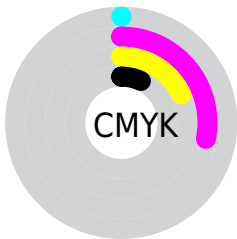
# Distribution



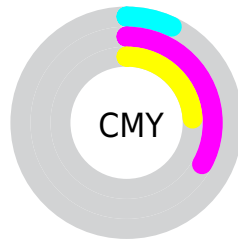
- Red (93%)
- Green (67%)
- Blue (76%)



- Red (93%)
- Yellow (67%)
- Blue (76%)



- Cyan (0%)
- Magenta (28%)
- Yellow (18%)
- Black (7%)



- Cyan (7%)
- Magenta (33%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3383, 51.0705, 58.3599 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 59.3383, 51.0705, 58.3599 by changing the saturation by 10% instead.





 59.3383, 51.0705,  
58.3599

 59.3383, 51.0705,  
58.3599


412.0284,  
390.8376, 436.1613

 43.1329, 36.2647,  
41.6814

 102.9810, 91.7590,  
103.9667

 30.1844, 24.6387,  
28.5282


131.1490,  
118.4105, 133.7322

 20.1274, 15.8081,  
18.4817


164.0354,  
149.7793, 168.6970

 12.5965, 9.3885,  
11.1234

202.0053,  
186.2499, 209.2798

 7.2263, 4.9954,  
6.0347

245.4242,  
228.2066, 255.8991

 3.6516, 2.2446,  
2.7970

294.6575,

 1.5070, 0.7441,

276.0339, 308.9734

0.9920

350.0704,  
330.1161, 368.9213

■ 0.3306, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 59.3383, 51.0705,  
58.3599

■ 59.3383, 51.0705,  
58.3599

■ 53.6365, 42.2593,  
48.4663

■ 66.0179, 61.5605,  
69.4305

■ 48.8602, 35.0319,  
39.7055

■ 73.7155, 73.8036,  
81.7139

■ 44.9585, 29.2949,  
32.0347

■ 82.4743, 87.8782,  
95.2481

■ 41.8739, 24.9419,  
25.4072

■ 88.7353, 96.7446,  
108.6045

■ 39.5411, 21.8520,  
19.7719

■ 37.8843, 19.8836,  
15.0725

■ 36.8016, 18.8438,  
11.2417

■ 36.6119, 18.6793,  
10.5163

# Harmonies

## Analogous

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



57.2776, 51.0705, 74.1367



59.3383, 51.0705, 58.3599



58.3402, 51.0705, 44.3697

# Triad

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



59.3383, 51.0705, 58.3599



44.4398, 51.0705, 33.1911



42.9131, 51.0705, 82.7736

# Complementary

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



59.3383, 51.0705, 58.3599



59.0912, 74.0317, 74.1295

# 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.



39.9055, 51.0705, 68.5977



59.3383, 51.0705, 58.3599



40.7413, 51.0705, 40.4549

# Square

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



59.3383, 51.0705, 58.3599



49.4929, 51.0705, 31.4402



39.1400, 51.0705, 52.9422



47.6013, 51.0705, 89.7713



# Rectangle

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



59.3383, 51.0705, 58.3599



56.1092, 51.0705, 37.6154



39.1400, 51.0705, 52.9422



41.6859, 51.0705, 78.5784

# Sweetspot

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



59.3397, 51.0728, 58.3609



86.8635, 86.8597, 96.2054



57.2335, 49.3591, 86.6320



18.2823, 18.0962, 20.1038



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.



59.3397, 51.0728, 58.3609



66.3698, 54.5673, 62.5686



58.5585, 53.5090, 45.7729



15.2918, 15.1446, 16.8220



20.0461, 10.2211, 6.0441



1.6189, 0.8205, 0.7104



# Inverse Universe

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



59.3397, 51.0728, 58.3609



66.3698, 54.5673, 62.5686



59.8809, 70.3707, 90.5481



15.2918, 15.1446, 16.8220



20.0461, 10.2211, 6.0441

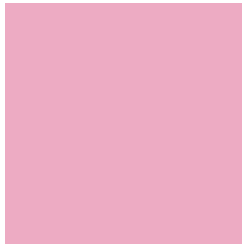


1.6189, 0.8205, 0.7104



# Previews

## White Background



This preview shows how the XYZ color 59.3383, 51.0705, 58.3599 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

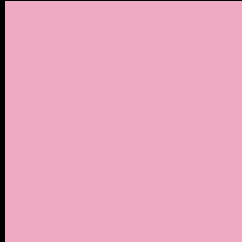
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.3383, 51.0705, 58.3599 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 59.3383, 51.0705, 58.3599**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.3383, 51.0705, 58.3599.



This preview shows how white text looks on a background with the XYZ color 59.3383, 51.0705,



# 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

59.3383, 51.0705, 58.3599

### Protanopia

49.8628, 51.1140, 65.6305

### Deuteranopia

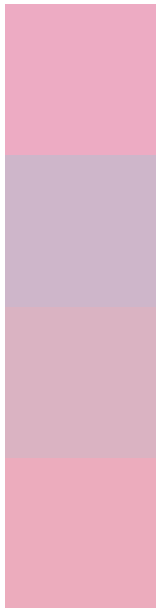
52.4983, 51.3966, 57.6057



## Tritanopia

58.3986, 51.2652, 53.2716

# Trichromacy



## Original Color

59.3383, 51.0705, 58.3599

## Protanomaly

52.8422, 50.8420, 62.9055

## Deuteranomaly

54.7711, 51.0407, 58.0040

## Tritanomaly

58.5299, 51.0120, 54.9056

# Monochromacy



## Original Color

59.3383, 51.0705, 58.3599

## Achromatopsia

50.6879, 53.3276, 58.0738

## Achromatomaly

53.3811, 52.1483, 58.2911

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.3383, 51.0705, 58.3599 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(237, 171, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 171, 195) }
```

## Border

The CSS property to change the border of an element to XYZ 59.3383, 51.0705, 58.3599 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, 195) }
```



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

```
.border{ border-color:rgb(237, 171, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 171, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 171, 195);  
box-shadow:4px 4px 4px 4px rgb(237, 171,  
195) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.3383, 51.0705, 58.3599 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, 195) }
```

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

```
.background{ background-color: rgb(237,  
171, 195) }
```

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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