

Converting Colors

XYZ(61.3968, 53.8262, 59.9769)

Have a look what the booklet for
XYZ(61.3968, 53.8262, 59.9769)
contains.

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Color

**XYZ(61.3968, 53.8262,
59.9769)**

Conversions

Conversions Part 1

Format	Color
Hex	EFB1C5
RGB	239, 177, 197
RGB Percent	94%, 69%, 77%
CMY	0.0627, 0.3059, 0.2274
CMYK	0.00, 0.26, 0.18, 0.06
HSL	341°, 66%, 82%
HSV	341°, 26%, 94%
XYZ	61.3968, 53.8262, 59.9769
YIQ	197.8180, 30.5320, 19.3640

Conversions

Conversions Part 2

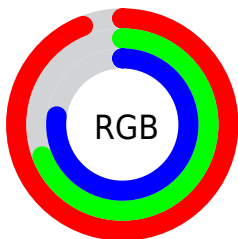
Format	Color
R _Y B	239, 177, 197
Decimal	15708613
CIE Lab	78.36, 25.50, -1.26
CIE LCh	78, 25.527, 357.177
Yxy	53.8262, 0.3504, 0.3072
Android (android.graphics.Color)	4293898693 (0xFFEFB1C5)
YUV	197.8180, -0.4033, 36.1166
Hunter-Lab	73.3663, 20.9871, 2.8869

Details

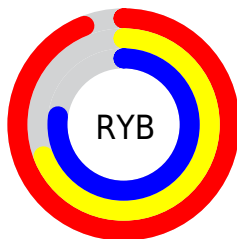
The XYZ color **61.3968, 53.8262, 59.9769** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.7864, 76.1960, 78.4722**, and the grayscale version is **53.5567, 56.3458, 61.3605**.

A 20% lighter version of the original color is **88.2683, 86.6936, 105.8472**, and **31.4570, 26.3436, 29.4135** is the 20% darker color. If you saturate the color by 10%, you get **55.3264, 44.4963, 49.2864**, and if you desaturate by 10%, it is **68.4963, 64.8941, 71.9948**.

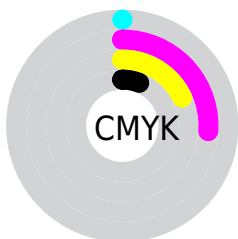
Distribution



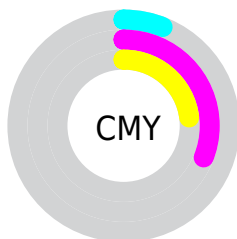
- Red (94%)
- Green (69%)
- Blue (77%)



- Red (94%)
- Yellow (69%)
- Blue (77%)



- Cyan (0%)
- Magenta (26%)
- Yellow (18%)
- Black (6%)





- Cyan (6%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3968, 53.8262, 59.9769 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 61.3968, 53.8262, 59.9769 by changing the saturation by 10% instead.


 61.3968, 53.8262,
59.9769

 61.3968, 53.8262,
59.9769


419.4801,
401.4469, 442.3149

 44.7992, 38.4627,
42.9748


 105.9481, 95.8190,
106.3392

 31.4999, 26.3420,
29.5341


134.6326,
123.2171, 136.5365

 21.1335, 17.0797,
19.2362


168.0767,
155.3956, 171.9693

 13.3346, 10.2913,
11.6625

206.6459,
192.7388, 213.0562

 7.7380, 5.5925,
6.3946

250.7055,
235.6312, 260.2157

 3.9781, 2.5989,
3.0138

300.6208,

 1.6898, 0.9261,

284.4570, 313.8662

1.1017

356.7572,
339.6008, 374.4265

■ 0.4499, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3968, 53.8262,
59.9769

■ 61.3968, 53.8262,
59.9769

■ 55.3264, 44.4963,
49.2864

■ 68.4963, 64.8941,
71.9948

■ 50.2311, 36.8083,
39.8727

■ 76.6662, 77.7750,
85.3817

■ 46.0588, 30.6680,
31.6864

■ 85.9512, 92.5484,
100.1812

■ 42.7505, 25.9685,
24.6736

■ 89.4069, 97.0909,
108.6359

■ 40.2400, 22.5893,
18.7757

■ 38.4508, 20.3897,
13.9282

■ 37.2892, 19.1963,
10.0579

■ 36.9395, 18.8879,
8.7359

Harmonies

Analogous

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



59.6894, 53.8262, 74.8690



61.3968, 53.8262, 59.9769



60.2167, 53.8262, 46.8889

Triad

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



61.3968, 53.8262, 59.9769



46.8855, 53.8262, 37.3322



46.1145, 53.8262, 84.9814

Complementary

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



61.3968, 53.8262, 59.9769



61.7864, 76.1960, 78.4722

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.



43.0605, 53.8262, 72.1322



61.3968, 53.8262, 59.9769



43.4849, 53.8262, 44.8898

Square

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



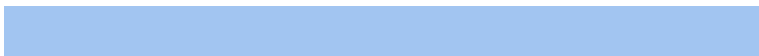
61.3968, 53.8262, 59.9769



51.6361, 53.8262, 35.1464



42.1298, 53.8262, 57.2593



50.6872, 53.8262, 90.7047

Rectangle

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



61.3968, 53.8262, 59.9769



57.9912, 53.8262, 40.6129



42.1298, 53.8262, 57.2593



44.8879, 53.8262, 81.2593

Sweetspot

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



61.3983, 53.8287, 59.9780



86.7380, 86.8095, 95.5442



60.3173, 52.6358, 88.6426



18.2508, 18.0836, 19.9380



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.



61.3983, 53.8287, 59.9780



67.3507, 56.5291, 62.8955



61.3754, 57.2097, 49.4057



15.9829, 15.8429, 17.4663



20.4665, 10.4590, 5.1074



1.7464, 0.8876, 0.6556

Inverse Universe

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



61.3983, 53.8287, 59.9780



67.3507, 56.5291, 62.8955



61.6405, 71.4350, 92.2015



15.9829, 15.8429, 17.4663



20.4665, 10.4590, 5.1074



1.7464, 0.8876, 0.6556

Previews

White Background



This preview shows how the XYZ color 61.3968, 53.8262, 59.9769 looks on a white background.

Color Contrast Check

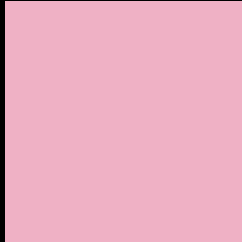
Large Text (above 18pt) WCAG AA × Fail

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 61.3968, 53.8262, 59.9769 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 61.3968, 53.8262, 59.9769

Background



This preview shows how black text looks on a background with the XYZ color 61.3968, 53.8262, 59.9769.



This preview shows how white text looks on a background with the XYZ color 61.3968, 53.8262,

59.9769.

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

61.3968, 53.8262, 59.9769

Protanopia

52.4587, 54.0655, 66.0633

Deuteranopia

54.9849, 53.9036, 59.1362



Tritanopia

60.6947, 53.8237, 57.0592

Trichromacy



Original Color

61.3968, 53.8262, 59.9769

Protanomaly

55.1282, 53.5541, 63.9313

Deuteranomaly

57.2285, 53.7961, 59.5920

Tritanomaly

60.9179, 53.9130, 58.2345

Monochromacy



Original Color

61.3968, 53.8262, 59.9769

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.0471, 55.0503, 61.0978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3968, 53.8262, 59.9769 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, 177, 197)` looks like.

```
.text, #text, p{  
    color:rgb(239, 177, 197)  
}
```

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, 177, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 177, 197) }
```

Border

The CSS property to change the border of an element to XYZ 61.3968, 53.8262, 59.9769 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, 177, 197) }
```


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

```
.border{ border-color:rgb(239, 177, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 177, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 177, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 177, 197);  
box-shadow:4px 4px 4px 4px rgb(239, 177,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3968, 53.8262, 59.9769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 177, 197) }
```

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

```
.background{ background-color: rgb(239,  
177, 197) }
```

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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