

Converting Colors

XYZ(65.2791, 61.1997, 59.4684)

Have a look what the booklet for
XYZ(65.2791, 61.1997, 59.4684)
contains.

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Color

**XYZ(65.3050, 61.1794,
59.4058)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C2C2
RGB	241, 194, 194
RGB Percent	95%, 76%, 76%
CMY	0.0549, 0.2392, 0.2392
CMYK	0.00, 0.19, 0.20, 0.05
HSL	0°, 63%, 85%
HSV	0°, 20%, 95%
XYZ	65.3050, 61.1794, 59.4058
YIQ	208.0530, 28.0120, 9.9640

Conversions

Conversions Part 2

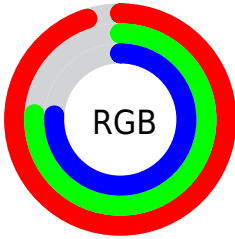
Format	Color
R _Y B	241, 194, 194
Decimal	15844034
CIE Lab	82.48, 16.74, 6.36
CIE LCh	82, 17.909, 20.798
Yxy	61.1794, 0.3513, 0.3291
Android (android.graphics.Color)	4294034114 (0xFFFF1C2C2)
YUV	208.0530, -6.9281, 28.8945
Hunter-Lab	78.2173, 12.1527, 9.7215

Details

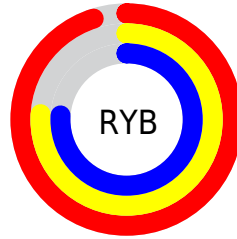
The XYZ color **65.3050, 61.1794, 59.4058** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.5799, 80.7286, 95.1344**, and the grayscale version is **60.0208, 63.1465, 68.7666**.

A 20% lighter version of the original color is **92.9925, 97.1565, 104.2943**, and **33.8789, 30.8400, 28.9780** is the 20% darker color. If you saturate the color by 10%, you get **57.8797, 50.3145, 44.6424**, and if you desaturate by 10%, it is **74.0423, 73.9647, 76.7735**.

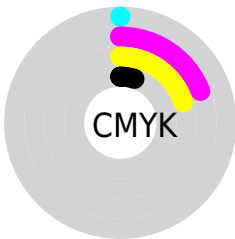
Distribution



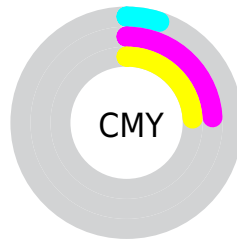
- Red (95%)
- Green (76%)
- Blue (76%)



- Red (95%)
- Yellow (76%)
- Blue (76%)



- Cyan (0%)
- Magenta (19%)
- Yellow (20%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3050, 61.1794, 59.4058 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 65.3050, 61.1794, 59.4058 by changing the saturation by 10% instead.


 65.3050, 61.1794,
59.4058

 65.3050, 61.1794,
59.4058

433.4151,
428.9315, 440.1478

 47.9741, 44.3700,
42.5177


 111.5515,
106.5387, 105.5021

 34.0175, 30.9615,
29.1783


141.1978,
135.8573, 135.5475

 23.0700, 20.5695,
18.9690


175.6799,
170.1144, 170.8156

 14.7662, 12.8097,
11.4713

215.3632,
209.6944, 211.7252

 8.7407, 7.2976,
6.2666

260.6130,
254.9817, 258.6946

 4.6282, 3.6489,
2.9365

311.7946,

 2.0633, 1.4792,

306.3608, 312.1425

1.0623

369.2736,
364.2159, 372.4874

0.6691, 0.2740,
0.0000

0.0000, 0.0000,
0.0000

65.3050, 61.1794,
59.4058

65.3050, 61.1794,
59.4058

57.8797, 50.3145,
44.6424

74.0423, 73.9647,
76.7735

51.6984, 41.2694,
32.3541

84.1452, 88.7480,
96.8583

46.6945, 33.9472,
22.4069

90.0858, 97.4409,
108.6677

42.7934, 28.2387,
14.6519

■ 39.9118, 24.0219,
8.9239

■ 37.9546, 21.1579,
5.0338

■ 36.8091, 19.4815,
2.7571

■ 36.2957, 18.7301,
1.7368

■ 36.2761, 18.7014,
1.6978

Harmonies

Analogous

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



65.7218, 61.1794, 70.0420



65.3050, 61.1794, 59.4058



62.9266, 61.1794, 51.5775

Triad

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



65.3050, 61.1794, 59.4058



52.6298, 61.1794, 54.1589



56.9801, 61.1794, 89.6645

Complementary

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



65.3050, 61.1794, 59.4058



69.5799, 80.7286, 95.1344

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.



53.6199, 61.1794, 84.3209



65.3050, 61.1794, 59.4058



51.1818, 61.1794, 63.2996

Square

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



65.3050, 61.1794, 59.4058



55.5746, 61.1794, 48.7871



51.5362, 61.1794, 74.3828



60.8021, 61.1794, 88.3273

Rectangle

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



65.3050, 61.1794, 59.4058



60.6038, 61.1794, 48.6240



51.5362, 61.1794, 74.3828



55.7618, 61.1794, 88.5700

Sweetspot

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



65.3067, 61.1822, 59.4071



87.9959, 89.6780, 94.8763



71.4452, 63.6360, 91.7369



18.6778, 18.9652, 19.9955



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.



65.3067, 61.1822, 59.4071



71.0640, 64.9020, 61.2155



70.9558, 72.4803, 61.2901



15.7730, 15.7591, 16.3602



19.6717, 10.1414, 0.9207



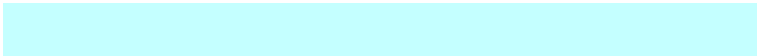
1.6365, 0.8438, 0.0766

Inverse Universe

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



69.5799, 80.7286, 95.1344



76.6643, 90.5191, 108.0390



63.0679, 67.7048, 92.9638



16.2473, 17.9287, 20.3259



25.6637, 37.5516, 51.0234



2.1350, 3.1240, 4.2447

Previews

White Background



This preview shows how the XYZ color 65.3050, 61.1794, 59.4058 looks on a white background.

Color Contrast Check

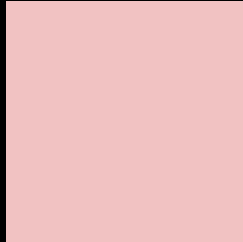
Large Text (above 18pt) WCAG AA × Fail

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 65.3050, 61.1794, 59.4058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

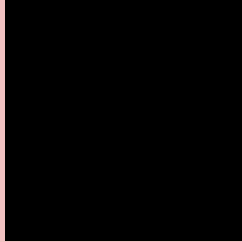
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3050, 61.1794, 59.4058

Background



This preview shows how black text looks on a background with the XYZ color 65.3050, 61.1794, 59.4058.



This preview shows how white text looks on a background with the XYZ color 65.3050, 61.1794,

59.4058.

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

65.3050, 61.1794, 59.4058

Protanopia

58.8350, 61.5344, 63.4200

Deuteranopia

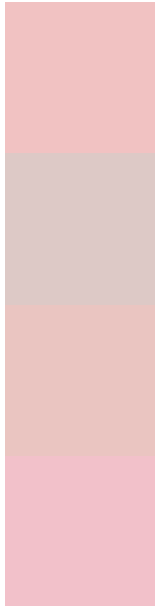
62.4528, 61.0614, 58.9465



Tritanopia

67.0743, 61.2590, 67.3204

Trichromacy



Original Color

65.3050, 61.1794, 59.4058

Protanomaly

60.8985, 61.2227, 62.0335

Deuteranomaly

63.5236, 61.2752, 58.9313

Tritanomaly

66.3486, 61.2814, 64.2087

Monochromacy



Original Color

65.3050, 61.1794, 59.4058

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.6506, 62.2393, 65.2640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3050, 61.1794, 59.4058 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(241, 194, 194)` looks like.

```
.text, #text, p{  
    color:rgb(241, 194, 194)  
}
```

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(241, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 194, 194) }
```

Border

The CSS property to change the border of an element to XYZ 65.3050, 61.1794, 59.4058 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(241, 194, 194) }
```


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

```
.border{ border-color:rgb(241, 194, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 194, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(241, 194,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3050, 61.1794, 59.4058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 194, 194) }
```

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

```
.background{ background-color: rgb(241,  
194, 194) }
```

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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