

Converting Colors

XYZ(59.5306, 54.6359, 65.4883)

Have a look what the booklet for
XYZ(59.5306, 54.6359, 65.4883)
contains.

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Color

**XYZ(59.4381, 54.4920,
65.7778)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B7CE
RGB	226, 183, 206
RGB Percent	89%, 72%, 81%
CMY	0.1137, 0.2823, 0.1922
CMYK	0.00, 0.19, 0.09, 0.11
HSL	328°, 43%, 80%
HSV	328°, 19%, 89%
XYZ	59.4381, 54.4920, 65.7778
YIQ	198.4790, 18.2450, 16.2690

Conversions

Conversions Part 2

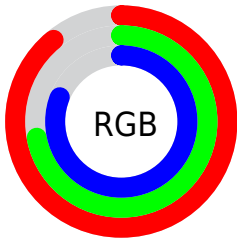
Format	Color
R _Y B	226, 183, 206
Decimal	14858190
CIE Lab	78.75, 19.18, -5.71
CIE LCh	79, 20.012, 343.413
Yxy	54.4920, 0.3307, 0.3032
Android (android.graphics.Color)	4293048270 (0xFFE2B7CE)
YUV	198.4790, 3.7079, 24.1359
Hunter-Lab	73.8187, 14.5438, -1.1586

Details

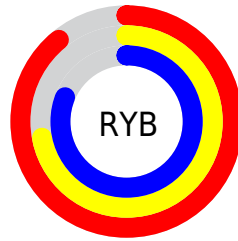
The XYZ color **59.4381, 54.4920, 65.7778** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.5065, 68.7732, 66.7468**, and the grayscale version is **53.9397, 56.7487, 61.7994**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **30.2277, 26.7783, 33.2813** is the 20% darker color. If you saturate the color by 10%, you get **53.9112, 45.4136, 57.8441**, and if you desaturate by 10%, it is **65.8020, 65.1063, 74.4132**.

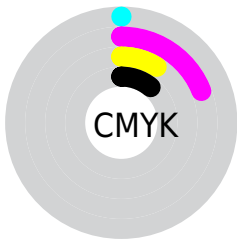
Distribution



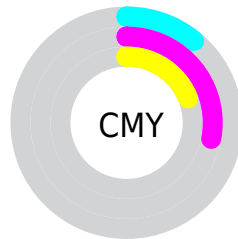
- Red (89%)
- Green (72%)
- Blue (81%)



- Red (89%)
- Yellow (72%)
- Blue (81%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (11%)





- Cyan (11%)
- Magenta (28%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4381, 54.4920, 65.7778 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 59.4381, 54.4920, 65.7778 by changing the saturation by 10% instead.


 59.4381, 54.4920,
65.7778

 59.4381, 54.4920,
65.7778


412.3915,
403.9834, 463.9643

 43.2136, 38.9951,
47.6367


 103.1251, 96.7963,
114.7913

 30.2480, 26.7560,
33.1813


131.3184,
124.3725, 146.5008

 20.1759, 17.3900,
21.9931


164.2319,
156.7439, 183.5702

 12.6320, 10.5130,
13.6536

202.2311,
194.2949, 226.4180

 7.2509, 5.7404,
7.7441

245.6813,
237.4100, 275.4628

 3.6672, 2.6879,
3.8463

294.9479,

 1.5156, 0.9710,

286.4735, 331.1231

1.5414

350.3962,
341.8699, 393.8174

■ 0.3364, 0.0000,
0.2485

■ 0.0000, 0.0000,
0.0000

■ 59.4381, 54.4920,
65.7778

■ 59.4381, 54.4920,
65.7778

■ 53.9112, 45.4136,
57.8441

■ 65.8020, 65.1063,
74.4132

■ 49.1793, 37.7918,
50.5881

■ 73.0331, 77.3165,
83.7665

■ 45.2037, 31.5513,
43.9891

■ 81.1658, 91.1880,
93.8575

■ 41.9405, 26.6070,
38.0237

■ 84.0757, 94.4694,
102.6522

■ 39.3408, 22.8643,
32.6667

■ 85.1743, 94.9089,
108.4378

■ 37.3494, 20.2154,
27.8904

■ 35.9010, 18.5331,
23.6632

■ 34.8949, 17.6194,
19.9416

■ 34.8078, 17.5463,
19.6010

Harmonies

Analogous

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



57.2038, 54.4920, 76.6241



59.4381, 54.4920, 65.7778



59.5579, 54.4920, 54.4168

Triad

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



59.4381, 54.4920, 65.7778



50.0469, 54.4920, 40.5488



46.4566, 54.4920, 75.6154

Complementary

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



59.4381, 54.4920, 65.7778



57.5065, 68.7732, 66.7468

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.



44.7342, 54.4920, 64.5357



59.4381, 54.4920, 65.7778



46.7346, 54.4920, 44.8602

Square

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



59.4381, 54.4920, 65.7778



53.9972, 54.4920, 40.7919



44.8333, 54.4920, 53.3227



49.6497, 54.4920, 82.7803

Rectangle

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



59.4381, 54.4920, 65.7778



58.4120, 54.4920, 48.1168



44.8333, 54.4920, 53.3227



45.6939, 54.4920, 72.1683

Sweetspot

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



59.4397, 54.4944, 65.7790



89.2370, 90.1737, 101.4138



55.1151, 51.9662, 79.0778



18.9704, 19.0820, 21.5368



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.



59.4397, 54.4944, 65.7790



75.0235, 66.4837, 82.0725



57.0723, 53.5475, 53.3126



14.0121, 13.8225, 15.8341



19.9183, 10.0343, 11.5014



1.4257, 0.7136, 1.0348

Inverse Universe

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



59.4397, 54.4944, 65.7790



75.0235, 66.4837, 82.0725



60.1607, 69.8349, 80.7239



14.0121, 13.8225, 15.8341



19.9183, 10.0343, 11.5014



1.4257, 0.7136, 1.0348

Previews

White Background



This preview shows how the XYZ color 59.4381, 54.4920, 65.7778 looks on a white background.

Color Contrast Check

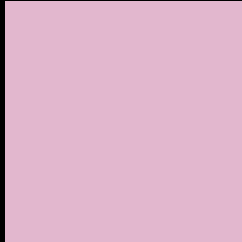
Large Text (above 18pt) WCAG AA × Fail

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 59.4381, 54.4920, 65.7778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

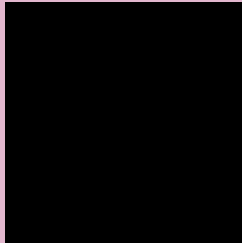
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4381, 54.4920, 65.7778

Background



This preview shows how black text looks on a background with the XYZ color 59.4381, 54.4920, 65.7778.



This preview shows how white text looks on a background with the XYZ color 59.4381, 54.4920,

65.7778.

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

59.4381, 54.4920, 65.7778

Protanopia

53.5502, 54.8570, 70.7169

Deuteranopia

55.7954, 54.5046, 65.3373



Tritanopia

58.5006, 54.4121, 61.4521

Trichromacy



Original Color

59.4381, 54.4920, 65.7778

Protanomaly

55.4999, 54.6019, 68.5868

Deuteranomaly

57.1087, 54.5474, 65.2763

Tritanomaly

58.8525, 54.5528, 63.3050

Monochromacy



Original Color

59.4381, 54.4920, 65.7778

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.6250, 55.7669, 63.0907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4381, 54.4920, 65.7778 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, 183, 206)` looks like.

```
.text, #text, p{  
    color:rgb(226, 183, 206)  
}
```

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, 183, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 183, 206) }
```

Border

The CSS property to change the border of an element to XYZ 59.4381, 54.4920, 65.7778 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, 183, 206) }
```


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

```
.border{ border-color:rgb(226, 183, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 183, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 183, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 183, 206);  
box-shadow:4px 4px 4px 4px rgb(226, 183,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4381, 54.4920, 65.7778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 183, 206) }
```

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

```
.background{ background-color: rgb(226,  
183, 206) }
```

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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