

Converting Colors

XYZ(59.1684, 54.8875, 61.2687)

Have a look what the booklet for
XYZ(59.1684, 54.8875, 61.2687)
contains.

XYZ(59.1278, 54.7354, 61.4814)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.1278, 54.7354,
61.4814)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B8C7
RGB	227, 184, 199
RGB Percent	89%, 72%, 78%
CMY	0.1098, 0.2784, 0.2196
CMYK	0.00, 0.19, 0.12, 0.11
HSL	339°, 43%, 81%
HSV	339°, 19%, 89%
XYZ	59.1278, 54.7354, 61.4814
YIQ	198.5670, 20.8130, 13.7810

Conversions

Conversions Part 2

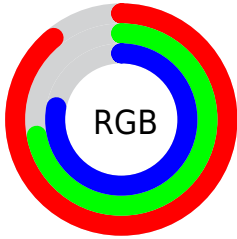
Format	Color
R _Y B	227, 184, 199
Decimal	14923975
CIE Lab	78.89, 17.83, -1.71
CIE LCh	79, 17.908, 354.534
Yxy	54.7354, 0.3372, 0.3122
Android (android.graphics.Color)	4293114055 (0xFFE3B8C7)
YUV	198.5670, 0.2135, 24.9357
Hunter-Lab	73.9834, 13.1870, 2.5174

Details

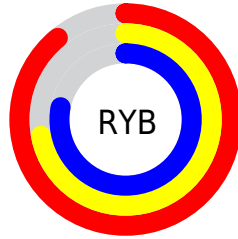
The XYZ color **59.1278, 54.7354, 61.4814** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.1221, 69.8833, 72.6635**, and the grayscale version is **54.0128, 56.8257, 61.8831**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **30.0217, 26.9349, 30.4047** is the 20% darker color. If you saturate the color by 10%, you get **53.1517, 45.3975, 51.4287**, and if you desaturate by 10%, it is **66.0304, 65.6581, 72.6669**.

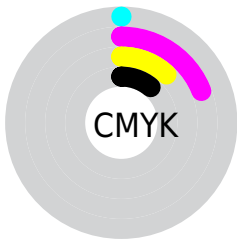
Distribution



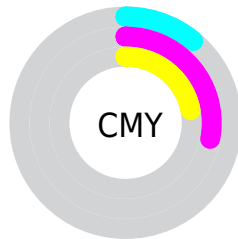
- Red (89%)
- Green (72%)
- Blue (78%)



- Red (89%)
- Yellow (72%)
- Blue (78%)



- Cyan (0%)
- Magenta (19%)
- Yellow (12%)
- Black (11%)





- Cyan (11%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1278, 54.7354, 61.4814 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 59.1278, 54.7354, 61.4814 by changing the saturation by 10% instead.


 59.1278, 54.7354,
61.4814

 59.1278, 54.7354,
61.4814


411.2618,
404.9081, 447.9922

 42.9628, 39.1899,
44.1807


 102.6770, 97.1532,
108.5400

 30.0503, 26.9075,
30.4744

130.7918,
124.7942, 139.1349

 20.0250, 17.5038,
19.9438

163.6206,
157.2360, 174.9984

 12.5216, 10.5943,
12.1705


201.5287,
194.8627, 216.5489

 7.1747, 5.7947,
6.7360

244.8816,
238.0589, 264.2050

 3.6189, 2.7207,
3.2216

294.0445,

 1.4889, 0.9877,

287.2090, 318.3852

1.2089

349.3828,
342.6972, 379.5081

■ 0.3182, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1278, 54.7354,
61.4814

■ 59.1278, 54.7354,
61.4814

■ 53.1517, 45.3975,
51.4287

■ 66.0304, 65.6581,
72.6669

■ 48.0568, 37.5631,
42.4684

■ 73.8929, 78.2274,
85.0169

■ 43.8005, 31.1549,
34.5626

■ 82.7529, 92.5105,
98.5659

■ 40.3352, 26.0854,
27.6697

■ 85.4888, 95.0710,
108.4525

■ 37.6079, 22.2577,
21.7452

■ 35.5588, 19.5614,
16.7404

■ 34.1180, 17.8665,
12.6015

■ 33.1803, 16.9734,
9.2606

■ 33.0963, 16.8980,
8.9473

Harmonies

Analogous

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



57.7910, 54.7354, 71.6897



59.1278, 54.7354, 61.4814



58.4920, 54.7354, 51.8348

Triad

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



59.1278, 54.7354, 61.4814



49.2381, 54.7354, 43.5074



48.1592, 54.7354, 77.0008

Complementary

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



59.1278, 54.7354, 61.4814



59.1221, 69.8833, 72.6635

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.



46.0520, 54.7354, 68.0991



59.1278, 54.7354, 61.4814



46.6547, 54.7354, 48.9478

Square

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



59.1278, 54.7354, 61.4814



52.6781, 54.7354, 42.1611



45.5139, 54.7354, 57.7526



51.3761, 54.7354, 81.2798

Rectangle

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



59.1278, 54.7354, 61.4814



57.0493, 54.7354, 46.8984



45.5139, 54.7354, 57.7526



47.3035, 54.7354, 74.4041

Sweetspot

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



59.1294, 54.7379, 61.4826



88.7988, 89.9985, 99.1065



58.1445, 53.8193, 79.9972



18.8669, 19.0406, 20.9919



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.



59.1294, 54.7379, 61.4826



73.5581, 65.8976, 74.3558



58.8432, 56.8162, 53.2157



14.5835, 14.4506, 16.0071



19.3516, 9.8749, 5.4805



1.4727, 0.7468, 0.6297

Inverse Universe

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



59.1294, 54.7379, 61.4826



73.5581, 65.8976, 74.3558



59.3719, 67.2135, 82.5178



14.5835, 14.4506, 16.0071



19.3516, 9.8749, 5.4805



1.4727, 0.7468, 0.6297

Previews

White Background



This preview shows how the XYZ color 59.1278, 54.7354, 61.4814 looks on a white background.

Color Contrast Check

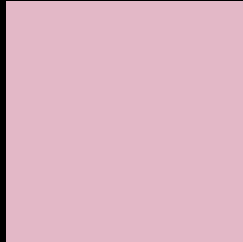
Large Text (above 18pt) WCAG AA × Fail

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 59.1278, 54.7354, 61.4814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

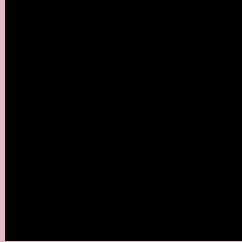
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1278, 54.7354, 61.4814

Background



This preview shows how black text looks on a background with the XYZ color 59.1278, 54.7354, 61.4814.



This preview shows how white text looks on a background with the XYZ color 59.1278, 54.7354,

61.4814.

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

59.1278, 54.7354, 61.4814

Protanopia

53.0762, 54.7271, 65.5236

Deuteranopia

55.8312, 54.6185, 61.0259



Tritanopia

59.0121, 54.6891, 60.8719

Trichromacy



Original Color

59.1278, 54.7354, 61.4814

Protanomaly

54.9251, 54.4041, 64.1061

Deuteranomaly

56.8768, 54.5233, 60.9524

Tritanomaly

59.0121, 54.6891, 60.8719

Monochromacy



Original Color

59.1278, 54.7354, 61.4814

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.8951, 56.2624, 61.9466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1278, 54.7354, 61.4814 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(227, 184, 199)` looks like.

```
.text, #text, p{  
    color:rgb(227, 184, 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(227, 184, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 184, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.1278, 54.7354, 61.4814 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(227, 184, 199) }
```


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

```
.border{ border-color:rgb(227, 184, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 184, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 184, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 184, 199); box-shadow:4px 4px 4px 4px rgb(227, 184, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1278, 54.7354, 61.4814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 184, 199) }
```

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

```
.background{ background-color: rgb(227,  
184, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor