

Converting Colors

XYZ(61.4109, 54.7782, 79.5739)

Have a look what the booklet for
XYZ(61.4109, 54.7782, 79.5739)
contains.

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Color

**XYZ(61.5068, 54.9544,
79.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B6E2
RGB	225, 182, 226
RGB Percent	88%, 71%, 89%
CMY	0.1176, 0.2863, 0.1137
CMYK	0.00, 0.19, 0.00, 0.11
HSL	299°, 43%, 80%
HSV	299°, 19%, 89%
XYZ	61.5068, 54.9544, 79.3170
YIQ	199.8730, 11.5040, 22.8000

Conversions

Conversions Part 2

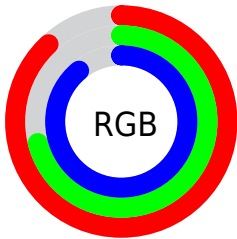
Format	Color
R_{YB}	225, 182, 226
Decimal	14792418
CIE _{Lab}	79.01, 22.93, -16.14
CIE _{LCh}	79, 28.040, 324.866
Yxy	54.9544, 0.3142, 0.2807
Android (android.graphics.Color)	4292982498 (0xFFE1B6E2)
YUV	199.8730, 12.8806, 22.0364
Hunter-Lab	74.1312, 18.3721, -11.5457

Details

The XYZ color **61.5068, 54.9544, 79.3170** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.1701, 67.8387, 54.4450**, and the grayscale version is **54.7413, 57.5921, 62.7178**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **31.5631, 27.0758, 42.0907** is the 20% darker color. If you saturate the color by 10%, you get **57.0876, 46.3522, 77.8903**, and if you desaturate by 10%, it is **66.6768, 65.0554, 80.9950**.

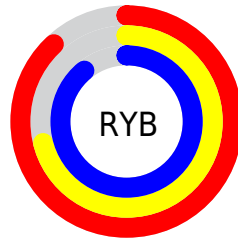
Distribution



Red (88%)

Green (71%)

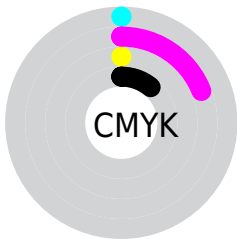
Blue (89%)



Red (88%)

Yellow (71%)

Blue (89%)

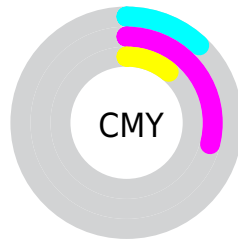


Cyan (0%)

Magenta (19%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (29%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5068, 54.9544, 79.3170 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 61.5068, 54.9544, 79.3170 by changing the saturation by 10% instead.

61.5068, 54.9544,
79.3170

61.5068, 54.9544,
79.3170

419.8761,
405.7391, 512.2740

44.8884, 39.3652,
58.6336

106.1064, 97.4741,
134.2077

31.5704, 27.0440,
41.9002

134.8182,
125.1735, 169.2522

21.1876, 17.6062,
28.6982

168.2920,
157.6783, 209.9208

13.3744, 10.6677,
18.6090

206.8929,
195.3731, 256.6320

7.7656, 5.8438,
11.2141

250.9865,
238.6422, 309.8043

3.9959, 2.7504,
6.0951

300.9379,

1.6998, 1.0028,

287.8699, 369.8565

2.8333

357.1127,
343.4407, 437.2068

■ 0.4562, 0.0000,
1.0101

■ 0.0000, 0.0000,
0.0000

■ 61.5068, 54.9544,
79.3170

■ 61.5068, 54.9544,
79.3170

■ 57.0876, 46.3522,
77.8903

■ 66.6768, 65.0554,
80.9950

■ 53.3783, 39.1702,
76.6996

■ 72.6258, 76.7148,
82.9320

■ 50.3419, 33.3333,
75.7330

■ 79.3869, 89.9978,
85.1395

■ 47.9361, 28.7568,
74.9764

■ 81.1836, 93.3509,
85.6920

46.1137, 25.3462,
74.4142

81.3458, 93.4345,
85.6996

44.8207, 22.9940,
74.0283

81.5085, 93.5184,
85.7072

43.9935, 21.5726,
73.7975

81.6717, 93.6025,
85.7149

43.5276, 20.8729,
73.6870

81.8353, 93.6869,
85.7225

43.5062, 20.8424,
73.6823

81.9995, 93.7715,
85.7302

Harmonies

Analogous

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



56.8750, 54.9544, 92.2663



61.5068, 54.9544, 79.3170



63.6631, 54.9544, 62.6276

Triad

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



61.5068, 54.9544, 79.3170



53.1984, 54.9544, 34.1543



43.0908, 54.9544, 73.7084

Complementary

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



61.5068, 54.9544, 79.3170



55.1701, 67.8387, 54.4450

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.



42.2592, 54.9544, 57.1286



61.5068, 54.9544, 79.3170



47.8498, 54.9544, 36.0641

Square

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



61.5068, 54.9544, 79.3170



58.6530, 54.9544, 38.0616



43.9408, 54.9544, 43.8385



46.2985, 54.9544, 88.6452

Rectangle

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



61.5068, 54.9544, 79.3170



63.3032, 54.9544, 52.2940



43.9408, 54.9544, 43.8385



42.5342, 54.9544, 68.0703

Sweetspot

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



61.5085, 54.9568, 79.3182



90.2341, 90.5578, 107.3313



50.0511, 49.4985, 78.8685



19.2065, 19.1730, 22.9384



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.



61.5085, 54.9568, 79.3182



78.6206, 67.8662, 103.5635



59.1696, 54.0573, 65.3708



14.2626, 13.9189, 17.3226



24.8346, 11.8980, 42.0360



1.7313, 0.8298, 2.9142

Inverse Universe

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



56.6410, 53.0459, 52.0556



71.2154, 64.9605, 62.0192



57.2135, 68.6287, 66.4419



13.7198, 13.7056, 14.2947



17.9151, 9.2330, 0.9527



1.2463, 0.6418, 0.0898

Previews

White Background



This preview shows how the XYZ color 61.5068, 54.9544, 79.3170 looks on a white background.

Color Contrast Check

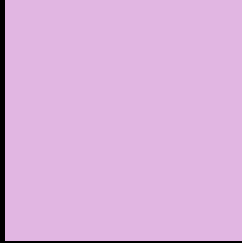
Large Text (above 18pt) WCAG AA × Fail

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 61.5068, 54.9544, 79.3170 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 61.5068, 54.9544, 79.3170

Background



This preview shows how black text looks on a background with the XYZ color 61.5068, 54.9544, 79.3170.



This preview shows how white text looks on a background with the XYZ color 61.5068, 54.9544,

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

61.5068, 54.9544, 79.3170

Protanopia

54.8821, 55.2155, 85.6070

Deuteranopia

56.1727, 55.0609, 78.1882



Tritanopia

57.9203, 54.7070, 62.7651

Trichromacy



Original Color

61.5068, 54.9544, 79.3170

Protanomaly

56.9247, 55.0139, 83.2198

Deuteranomaly

58.1522, 55.1043, 78.8054

Tritanomaly

59.1060, 54.8807, 68.4506

Monochromacy



Original Color

61.5068, 54.9544, 79.3170

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.8731, 56.2987, 68.1908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5068, 54.9544, 79.3170 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(225, 182, 226)` looks like.

```
.text, #text, p{  
    color:rgb(225, 182, 226)  
}
```

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(225, 182, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 182, 226) }
```

Border

The CSS property to change the border of an element to XYZ 61.5068, 54.9544, 79.3170 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(225, 182, 226) }
```


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

```
.border{ border-color:rgb(225, 182, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 182, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 182, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 182, 226);  
box-shadow:4px 4px 4px 4px rgb(225, 182,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5068, 54.9544, 79.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 182, 226) }
```

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

```
.background{ background-color: rgb(225,  
182, 226) }
```

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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