

Converting Colors

XYZ(59.4755, 54.7852, 67.5445)

Have a look what the booklet for
XYZ(59.4755, 54.7852, 67.5445)
contains.

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Color

**XYZ(59.3896, 54.7317,
67.7557)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B8D1
RGB	224, 184, 209
RGB Percent	88%, 72%, 82%
CMY	0.1216, 0.2784, 0.1804
CMYK	0.00, 0.18, 0.07, 0.12
HSL	323°, 39%, 80%
HSV	323°, 18%, 88%
XYZ	59.3896, 54.7317, 67.7557
YIQ	198.8100, 15.8150, 16.2550

Conversions

Conversions Part 2

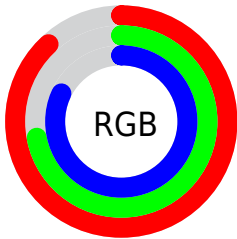
Format	Color
RYB	224, 184, 209
Decimal	14727377
CIELab	78.89, 18.47, -7.15
CIELCh	79, 19.802, 338.828
Yxy	54.7317, 0.3265, 0.3009
Android (android.graphics.Color)	4292917457 (0xFFE0B8D1)
YUV	198.8100, 5.0237, 22.0916
Hunter-Lab	73.9809, 13.8278, -2.5144

Details

The XYZ color **59.3896, 54.7317, 67.7557** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.7338, 67.6267, 64.0991**, and the grayscale version is **54.1348, 56.9540, 62.0229**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **30.1811, 26.9240, 34.6165** is the 20% darker color. If you saturate the color by 10%, you get **54.0874, 45.7475, 60.9916**, and if you desaturate by 10%, it is **65.4866, 65.2162, 75.0567**.

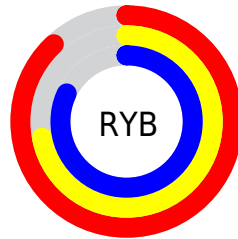
Distribution



Red (88%)

Green (72%)

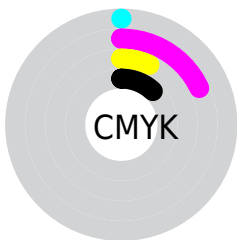
Blue (82%)



Red (88%)

Yellow (72%)

Blue (82%)

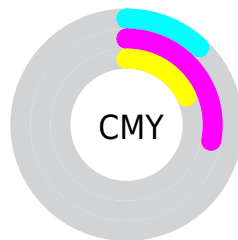


Cyan (0%)

Magenta (18%)

Yellow (7%)

Black (12%)



Cyan (12%)


Magenta (28%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3896, 54.7317, 67.7557 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 59.3896, 54.7317, 67.7557 by changing the saturation by 10% instead.


 59.3896, 54.7317,
67.7557

 59.3896, 54.7317,
67.7557


412.2151,
404.8941, 471.2045

 43.1744, 39.1870,
49.2336


 103.0551, 97.1477,
117.6535

 30.2171, 26.9052,
34.4379


131.2361,
124.7878, 149.8662

 20.1523, 17.5020,
22.9501


164.1364,
157.2285, 187.4796

 12.6147, 10.5931,
14.3517

202.1214,
194.8541, 230.9121

 7.2389, 5.7939,
8.2242

245.5564,
238.0491, 280.5823

 3.6596, 2.7202,
4.1489

294.8068,

 1.5114, 0.9875,

287.1978, 336.9087

1.7074

350.2379,
342.6847, 400.3100

■ 0.3336, 0.0000,
0.3658

■ 0.0000, 0.0000,
0.0000

■ 59.3896, 54.7317,
67.7557

■ 59.3896, 54.7317,
67.7557

■ 54.0874, 45.7475,
60.9916

■ 65.4866, 65.2162,
75.0567

■ 49.5397, 38.1867,
54.7448

■ 72.4068, 77.2587,
82.9060

■ 45.7100, 31.9769,
48.9997

■ 80.1829, 90.9226,
91.3193

■ 42.5566, 27.0359,
43.7379

■ 82.6189, 93.8147,
98.2350

■ 40.0333, 23.2727,
38.9397

■ 83.9143, 94.3329,
105.0568

■ 38.0876, 20.5842,
34.5830

■ 84.5509, 94.5875,
108.4086

■ 36.6582, 18.8491,
30.6426

■ 35.6600, 17.8986,
27.0854

■ 35.4739, 17.7407,
26.3626

Harmonies

Analogous

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



56.9035, 54.7317, 78.0909



59.3896, 54.7317, 67.7557



59.8501, 54.7317, 56.3339

Triad

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



59.3896, 54.7317, 67.7557



50.8698, 54.7317, 40.6659



46.3538, 54.7317, 74.2168

Complementary

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



59.3896, 54.7317, 67.7557



56.7338, 67.6267, 64.0991

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.



44.9060, 54.7317, 62.9766



59.3896, 54.7317, 67.7557



47.4258, 54.7317, 44.2753

Square

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



59.3896, 54.7317, 67.7557



54.7978, 54.7317, 41.6066



45.2883, 54.7317, 52.1147



49.3393, 54.7317, 82.1356

Rectangle

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



59.3896, 54.7317, 67.7557



58.9251, 54.7317, 49.7565



45.2883, 54.7317, 52.1147



45.6781, 54.7317, 70.6485

Sweetspot

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



59.3912, 54.7341, 67.7569



90.3562, 91.8290, 103.5845



54.0621, 51.7621, 77.6636



19.2036, 19.4187, 22.0147



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.



59.3912, 54.7341, 67.7569



77.2151, 69.2368, 87.8285



57.1045, 53.8194, 55.7151



14.0657, 13.8439, 16.1159



20.7056, 10.3492, 15.6473



1.4782, 0.7345, 1.3110

Inverse Universe

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



59.3912, 54.7341, 67.7569



77.2151, 69.2368, 87.8285



59.1670, 68.6000, 76.9119



14.0657, 13.8439, 16.1159



20.7056, 10.3492, 15.6473



1.4782, 0.7345, 1.3110

Previews

White Background



This preview shows how the XYZ color 59.3896, 54.7317, 67.7557 looks on a white background.

Color Contrast Check

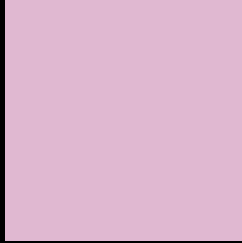
Large Text (above 18pt) WCAG AA × Fail

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 59.3896, 54.7317, 67.7557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

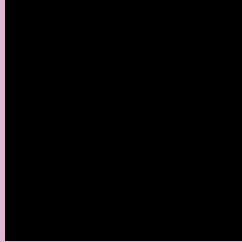
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3896, 54.7317, 67.7557

Background



This preview shows how black text looks on a background with the XYZ color 59.3896, 54.7317, 67.7557.



This preview shows how white text looks on a background with the XYZ color 59.3896, 54.7317,

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

59.3896, 54.7317, 67.7557

Protanopia

53.5498, 54.8273, 72.0503

Deuteranopia

56.0931, 54.9363, 67.3218



Tritanopia

58.4157, 54.9759, 62.1762

Trichromacy



Original Color

59.3896, 54.7317, 67.7557

Protanomaly

55.3255, 54.4684, 70.5483

Deuteranomaly

57.0999, 54.8166, 67.2457

Tritanomaly

58.5599, 54.6977, 63.9712

Monochromacy



Original Color

59.3896, 54.7317, 67.7557

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.0837, 56.3053, 64.4120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3896, 54.7317, 67.7557 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(224, 184, 209)` looks like.

```
.text, #text, p{  
    color:rgb(224, 184, 209)  
}
```

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(224, 184, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 184, 209) }
```

Border

The CSS property to change the border of an element to XYZ 59.3896, 54.7317, 67.7557 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(224, 184, 209) }
```


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

```
.border{ border-color:rgb(224, 184, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 184, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 184, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 184, 209);  
box-shadow:4px 4px 4px 4px rgb(224, 184,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3896, 54.7317, 67.7557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 184, 209) }
```

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

```
.background{ background-color: rgb(224,  
184, 209) }
```

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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