

Converting Colors

XYZ(67.4770, 59.6285, 54.1611)

Have a look what the booklet for
XYZ(67.4770, 59.6285, 54.1611)
contains.

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Color

**XYZ(67.4519, 59.5031,
54.3845)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB9BA
RGB	255, 185, 186
RGB Percent	100%, 73%, 73%
CMY	0.0000, 0.2745, 0.2706
CMYK	0.00, 0.27, 0.27, 0.00
HSL	359°, 100%, 86%
HSV	359°, 27%, 100%
XYZ	67.4519, 59.5031, 54.3845
YIQ	206.0440, 41.3990, 15.1510

Conversions

Conversions Part 2

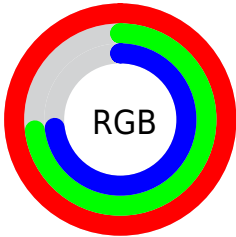
Format	Color
R _Y B	255, 185, 186
Decimal	16759226
CIE Lab	81.57, 25.44, 9.53
CIE LCh	82, 27.166, 20.548
Yxy	59.5031, 0.3720, 0.3281
Android (android.graphics.Color)	4294949306 (0xFFFFB9BA)
YUV	206.0440, -9.8817, 42.9344
Hunter-Lab	77.1383, 21.0936, 12.1958

Details

The XYZ color **67.4519, 59.5031, 54.3845** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.6593, 88.9912, 107.0649**, and the grayscale version is **58.7384, 61.7974, 67.2973**.

A 20% lighter version of the original color is **88.7223, 90.5814, 96.8122**, and **35.3759, 29.7964, 26.0771** is the 20% darker color. If you saturate the color by 10%, you get **60.1464, 48.7992, 39.9044**, and if you desaturate by 10%, it is **76.1871, 72.3137, 71.6618**.

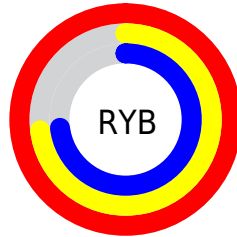
Distribution



Red (100%)

Green (73%)

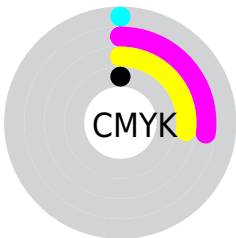
Blue (73%)



Red (100%)

Yellow (73%)

Blue (73%)

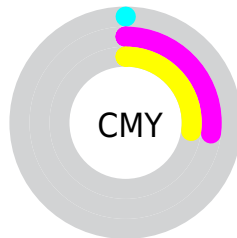


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4519, 59.5031, 54.3845 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 67.4519, 59.5031, 54.3845 by changing the saturation by 10% instead.


 67.4519, 59.5031,
54.3845

 67.4519, 59.5031,
54.3845

440.9589,
422.7638, 420.7905

 49.7240, 43.0182,
38.5139


 114.6139,
104.1085, 98.1007

 35.4111, 29.8994,
26.0768


144.7788,
132.9979, 126.7833

 24.1477, 19.7623,
16.6549


179.8200,
166.7908, 160.5736

 15.5685, 12.2224,
9.8294

220.1029,
205.8718, 199.8903

 9.3083, 6.8953,
5.1819

265.9929,
250.6252, 245.1517

 5.0015, 3.3967,
2.2938

317.8553,

 2.2829, 1.3422,

301.4354, 296.7766

0.7277

376.0555,
358.6868, 355.1833

■ 0.7859, 0.1735,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.4519, 59.5031,
54.3845

■ 67.4519, 59.5031,
54.3845

■ 60.1464, 48.7992,
39.9044

■ 76.1871, 72.3137,
71.6618

■ 54.1905, 40.0818,
28.0711

■ 86.4178, 87.3268,
91.8686

■ 49.5028, 33.2309,
18.7256

95.0500, 100.0000,
108.9000

■ 45.9914, 28.1106,
11.6905

■ 43.5522, 24.5661,
6.7649

■ 42.0627, 22.4158,
3.7136

■ 41.3656, 21.4232,
2.2432

■ 41.2599, 21.2679,
2.0346

Harmonies

Analogous

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



68.0706, 59.5031, 70.0816



67.4519, 59.5031, 54.3845



63.8101, 59.5031, 43.4486

Triad

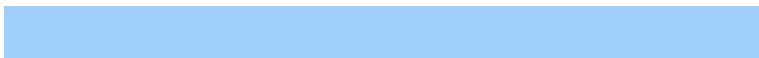
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.4519, 59.5031, 54.3845



48.5082, 59.5031, 46.8201



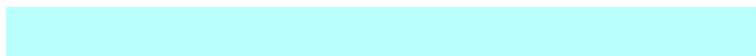
54.7750, 59.5031, 100.9453

Complementary

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



67.4519, 59.5031, 54.3845



73.6593, 88.9912, 107.0649

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.



49.8735, 59.5031, 92.1734



67.4519, 59.5031, 54.3845



46.4190, 59.5031, 59.7694

Square

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



67.4519, 59.5031, 54.3845



52.7957, 59.5031, 39.6176



46.9014, 59.5031, 76.4419



60.4906, 59.5031, 98.8490

Rectangle

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



67.4519, 59.5031, 54.3845



60.2849, 59.5031, 39.4700



46.9014, 59.5031, 76.4419



52.9839, 59.5031, 99.1212

Sweetspot

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



67.4534, 59.5058, 54.3857



85.8134, 86.4397, 90.6756



76.2124, 62.9600, 102.7434



18.0199, 17.9913, 18.7218



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.



67.4534, 59.5058, 54.3857



63.2254, 53.3095, 46.0104



75.2865, 75.3409, 56.4767



18.0199, 17.9913, 18.7218



21.5637, 11.1148, 1.0869



2.1031, 1.0836, 0.1243

Inverse Universe

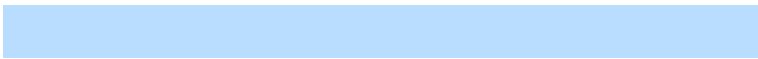
The Inverse Universe completely reimagines the original color for something new.



67.4534, 59.5058, 54.3857



63.2254, 53.3095, 46.0104



63.9604, 69.3377, 104.6202



18.0199, 17.9913, 18.7218



21.5637, 11.1148, 1.0869



2.1031, 1.0836, 0.1243

Previews

White Background



This preview shows how the XYZ color 67.4519, 59.5031, 54.3845 looks on a white background.

Color Contrast Check

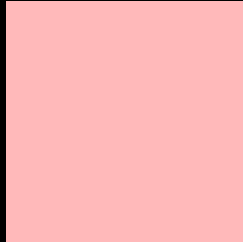
Large Text (above 18pt) WCAG AA × Fail

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 67.4519, 59.5031, 54.3845 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 67.4519, 59.5031, 54.3845

Background



This preview shows how black text looks on a background with the XYZ color 67.4519, 59.5031, 54.3845.



This preview shows how white text looks on a background with the XYZ color 67.4519, 59.5031,

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

67.4519, 59.5031, 54.3845

Protanopia

56.9833, 59.5911, 60.1286

Deuteranopia

61.0248, 59.7635, 53.6666



Tritanopia

68.4585, 59.5722, 60.7138

Trichromacy



Original Color

67.4519, 59.5031, 54.3845

Protanomaly

60.3057, 59.2932, 58.1354

Deuteranomaly

63.2032, 59.5528, 54.0626

Tritanomaly

68.0061, 59.3912, 58.3314

Monochromacy



Original Color

67.4519, 59.5031, 54.3845

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

61.2434, 60.3590, 62.4554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4519, 59.5031, 54.3845 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(255, 185, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 186)  
}
```

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(255, 185, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 186) }
```

Border

The CSS property to change the border of an element to XYZ 67.4519, 59.5031, 54.3845 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(255, 185, 186) }
```


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

```
.border{ border-color:rgb(255, 185, 186) }
```

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

Here you see how a box with a 4 pixel rgb(255, 185, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4519, 59.5031, 54.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 186) }
```

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

```
.background{ background-color: rgb(255,  
185, 186) }
```

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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