

Converting Colors

XYZ(85.7043, 68.4726, 55.2290)

Have a look what the booklet for
XYZ(85.7043, 68.4726, 55.2290)
contains.

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Color

**XYZ(67.2434, 59.0862,
54.3150)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB8BA
RGB	255, 184, 186
RGB Percent	100%, 72%, 73%
CMY	0.0000, 0.2784, 0.2706
CMYK	0.00, 0.28, 0.27, 0.00
HSL	358°, 100%, 86%
HSV	358°, 28%, 100%
XYZ	67.2434, 59.0862, 54.3150
YIQ	205.4570, 41.6740, 15.6740

Conversions

Conversions Part 2

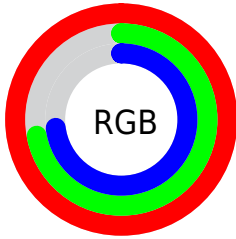
Format	Color
R _Y B	255, 184, 186
Decimal	16758970
CIE Lab	81.34, 25.96, 9.21
CIE LCh	81, 27.547, 19.529
Yxy	59.0862, 0.3722, 0.3271
Android (android.graphics.Color)	4294949050 (0xFFFFB8BA)
YUV	205.4570, -9.5923, 43.4492
Hunter-Lab	76.8675, 21.6328, 11.9127

Details

The XYZ color **67.2434, 59.0862, 54.3150** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2592, 88.8033, 106.2125**, and the grayscale version is **58.3614, 61.4007, 66.8654**.

A 20% lighter version of the original color is **88.4271, 89.9910, 96.7138**, and **35.2422, 29.5290, 26.0325** is the 20% darker color. If you saturate the color by 10%, you get **60.0057, 48.4678, 40.0115**, and if you desaturate by 10%, it is **75.8959, 71.8023, 71.3457**.

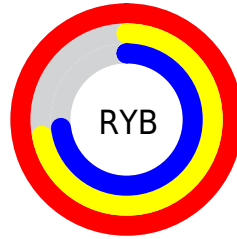
Distribution



Red (100%)

Green (72%)

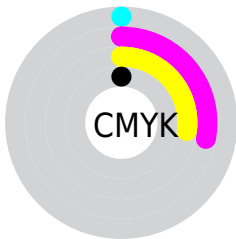
Blue (73%)



Red (100%)

Yellow (72%)

Blue (73%)

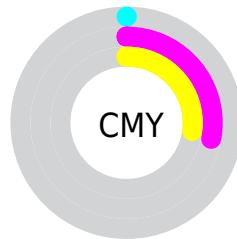


Cyan (0%)

Magenta (28%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.2434, 59.0862, 54.3150 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 67.2434, 59.0862, 54.3150 by changing the saturation by 10% instead.


 67.2434, 59.0862,
54.3150

 67.2434, 59.0862,
54.3150


440.2295,
421.2213, 420.5186

 49.5539, 42.6825,
38.4587


 114.3170,
103.5029, 97.9977

 35.2754, 29.6361,
26.0343


144.4318,
132.2848, 126.6611

 24.0426, 19.5625,
16.6233


179.4190,
165.9615, 160.4306

 15.4901, 12.0775,
9.8072

219.6440,
204.9174, 199.7247

 9.2526, 6.7964,
5.1674

265.4723,
249.5369, 244.9621

 4.9648, 3.3351,
2.2853

317.2690,

 2.2611, 1.3091,

300.2045, 296.5611

0.7230

375.3997,
357.3045, 354.9405

■ 0.7747, 0.1482,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.2434, 59.0862,
54.3150

■ 67.2434, 59.0862,
54.3150

■ 60.0057, 48.4678,
40.0115

■ 75.8959, 71.8023,
71.3457

■ 54.1033, 39.8268,
28.2905

■ 86.0279, 86.7115,
91.2313

■ 49.4559, 33.0434,
18.9989

95.0500, 100.0000,
108.9000

■ 45.9727, 27.9815,
11.9663

■ 43.5506, 24.4864,
7.0004

■ 42.0688, 22.3758,
3.8768

■ 41.3693, 21.4074,
2.3163

■ 41.2793, 21.2757,
2.1367

Harmonies

Analogous

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



67.7546, 59.0862, 70.2655



67.2434, 59.0862, 54.3150



63.6496, 59.0862, 43.1188

Triad

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



67.2434, 59.0862, 54.3150



48.1579, 59.0862, 45.8856



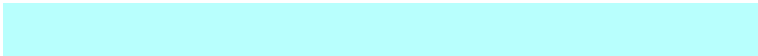
54.1733, 59.0862, 100.7860

Complementary

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



67.2434, 59.0862, 54.3150



73.2592, 88.8033, 106.2125

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.



49.2816, 59.0862, 91.5696



67.2434, 59.0862, 54.3150



45.9693, 59.0862, 58.7476

Square

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



67.2434, 59.0862, 54.3150



52.5424, 59.0862, 38.8582



46.3661, 59.0862, 75.5168



59.9392, 59.0862, 99.0492

Rectangle

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



67.2434, 59.0862, 54.3150



60.1177, 59.0862, 38.9855



46.3661, 59.0862, 75.5168



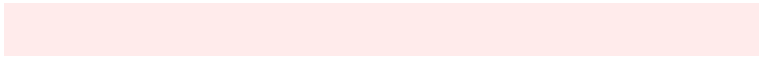
52.3792, 59.0862, 98.8121

Sweetspot

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



67.2449, 59.0889, 54.3162



85.8544, 86.4560, 90.8912



75.5666, 62.3176, 102.6535



18.0301, 17.9953, 18.7755



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.



67.2449, 59.0889, 54.3162



63.3382, 53.3546, 46.6042



74.7406, 74.4173, 55.7757



18.0301, 17.9953, 18.7755



21.5782, 11.1206, 1.1635



2.1079, 1.0856, 0.1499

Inverse Universe

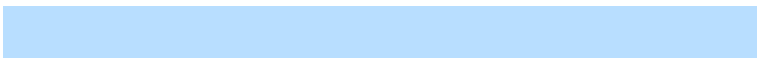
The Inverse Universe completely reimagines the original color for something new.



67.2449, 59.0889, 54.3162



63.3382, 53.3546, 46.6042



63.9054, 69.5845, 104.6707



18.0301, 17.9953, 18.7755



21.5782, 11.1206, 1.1635



2.1079, 1.0856, 0.1499

Previews

White Background



This preview shows how the XYZ color 67.2434, 59.0862, 54.3150 looks on a white background.

Color Contrast Check

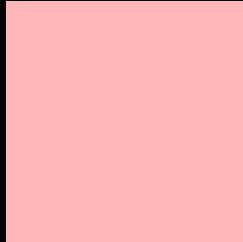
Large Text (above 18pt) WCAG AA × Fail

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 67.2434, 59.0862, 54.3150 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 67.2434, 59.0862, 54.3150

Background



This preview shows how black text looks on a background with the XYZ color 67.2434, 59.0862, 54.3150.



This preview shows how white text looks on a background with the XYZ color 67.2434, 59.0862,

54.3150.

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

67.2434, 59.0862, 54.3150

Protanopia

57.0968, 59.6365, 60.7262

Deuteranopia

60.4799, 59.1489, 53.5766



Tritanopia

68.1373, 59.1125, 60.0432

Trichromacy



Original Color

67.2434, 59.0862, 54.3150

Protanomaly

60.0809, 58.8435, 58.0605

Deuteranomaly

62.6477, 58.9415, 53.9739

Tritanomaly

67.6879, 58.9327, 57.6768

Monochromacy



Original Color

67.2434, 59.0862, 54.3150

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.5907, 59.6977, 61.7554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2434, 59.0862, 54.3150 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, 184, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 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, 184, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 186) }
```

Border

The CSS property to change the border of an element to XYZ 67.2434, 59.0862, 54.3150 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, 184, 186) }
```


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

```
.border{ border-color:rgb(255, 184, 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, 184, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2434, 59.0862, 54.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 186) }
```

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

```
.background{ background-color: rgb(255,  
184, 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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