

Converting Colors

XYZ(67.2538, 59.3259, 53.6434)

Have a look what the booklet for
XYZ(67.2538, 59.3259, 53.6434)
contains.

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Color

**XYZ(67.3459, 59.4607,
53.8265)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB9B9
RGB	255, 185, 185
RGB Percent	100%, 73%, 73%
CMY	0.0000, 0.2745, 0.2745
CMYK	0.00, 0.27, 0.27, 0.00
HSL	0°, 100%, 86%
HSV	0°, 27%, 100%
XYZ	67.3459, 59.4607, 53.8265
YIQ	205.9300, 41.7200, 14.8400

Conversions

Conversions Part 2

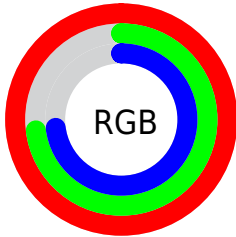
Format	Color
R _Y B	255, 185, 185
Decimal	16759225
CIE Lab	81.54, 25.30, 10.04
CIE LCh	82, 27.223, 21.641
Yxy	59.4607, 0.3728, 0.3292
Android (android.graphics.Color)	4294949305 (0xFFFFB9B9)
YUV	205.9300, -10.3185, 43.0344
Hunter-Lab	77.1108, 20.9519, 12.5907

Details

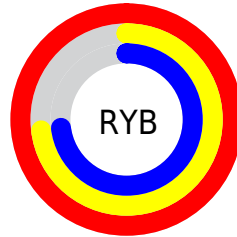
The XYZ color **67.3459, 59.4607, 53.8265** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8163, 89.0512, 107.9058**, and the grayscale version is **58.6680, 61.7233, 67.2167**.

A 20% lighter version of the original color is **88.5725, 90.5215, 96.0232**, and **35.3071, 29.7689, 25.7149** is the 20% darker color. If you saturate the color by 10%, you get **60.0273, 48.7521, 39.2758**, and if you desaturate by 10%, it is **76.1068, 72.2809, 71.2411**.

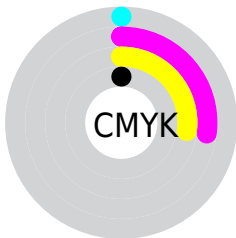
Distribution



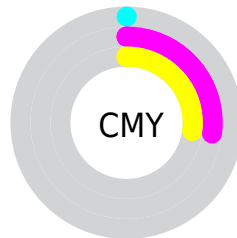
- Red (100%)
- Green (73%)
- Blue (73%)



- 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 67.3459, 59.4607, 53.8265 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 67.3459, 59.4607, 53.8265 by changing the saturation by 10% instead.


 67.3459, 59.4607,
53.8265

 67.3459, 59.4607,
53.8265


440.5882,
422.6071, 418.6040

 49.6375, 42.9841,
38.0707


 114.4630,
104.0469, 97.2733

 35.3421, 29.8726,
25.7353


144.6024,
132.9254, 125.8014

 24.0942, 19.7419,
16.4018


179.6161,
166.7065, 159.4240

 15.5287, 12.2076,
9.6515

219.8697,
205.7748, 198.5597

 9.2800, 6.8852,
5.0659

265.7283,
250.5146, 243.6270

 4.9828, 3.3904,
2.2266

317.5573,

 2.2718, 1.3388,

301.3103, 295.0445

0.6896

375.7222,
358.5463, 353.2306

■ 0.7802, 0.1709,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.3459, 59.4607,
53.8265

■ 67.3459, 59.4607,
53.8265

■ 60.0273, 48.7521,
39.2758

■ 76.1068, 72.2809,
71.2411

■ 54.0697, 40.0342,
27.4324

■ 86.3768, 87.3087,
91.6576

■ 49.3903, 33.1868,
18.1302

95.0500, 100.0000,
108.9000

■ 45.8957, 28.0732,
11.1836

■ 43.4798, 24.5379,
6.3815

■ 42.0177, 22.3983,
3.4753

■ 41.3464, 21.4158,
2.1412

■ 41.2402, 21.2604,
1.9301

Harmonies

Analogous

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



68.0872, 59.4607, 69.4215



67.3459, 59.4607, 53.8265



63.6056, 59.4607, 43.0866

Triad

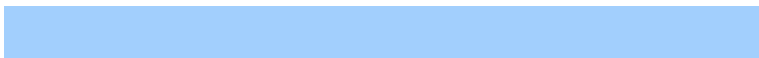
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.3459, 59.4607, 53.8265



48.3373, 59.4607, 47.1261



54.9347, 59.4607, 101.0951

Complementary

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



67.3459, 59.4607, 53.8265



73.8163, 89.0512, 107.9058

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.



49.9731, 59.4607, 92.6567



67.3459, 59.4607, 53.8265



46.3355, 59.4607, 60.2788

Square

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



67.3459, 59.4607, 53.8265



52.5631, 59.4607, 39.6958



46.9135, 59.4607, 77.0430



60.6615, 59.4607, 98.5831

Rectangle

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



67.3459, 59.4607, 53.8265



60.0442, 59.4607, 39.2530



46.9135, 59.4607, 77.0430



53.1280, 59.4607, 99.4004

Sweetspot

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



67.3474, 59.4634, 53.8277



85.7720, 86.4238, 90.4554



76.6392, 63.1785, 102.7631



18.0096, 17.9873, 18.6670



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.



67.3474, 59.4634, 53.8277



63.1121, 53.2660, 45.4082



75.5905, 75.9496, 56.5754



18.0096, 17.9873, 18.6670



21.5489, 11.1091, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

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



73.8163, 89.0512, 107.9058



70.5700, 87.3772, 107.7538



63.6513, 68.7212, 104.5175



18.5548, 20.4813, 23.2253



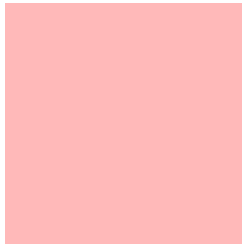
28.1139, 41.1373, 55.8931



2.7374, 4.0055, 5.4421

Previews

White Background



This preview shows how the XYZ color 67.3459, 59.4607, 53.8265 looks on a white background.

Color Contrast Check

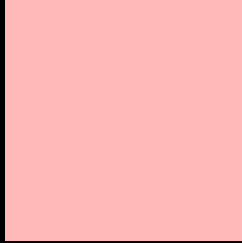
Large Text (above 18pt) WCAG AA × Fail

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 67.3459, 59.4607, 53.8265 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 67.3459, 59.4607, 53.8265

Background



This preview shows how black text looks on a background with the XYZ color 67.3459, 59.4607, 53.8265.



This preview shows how white text looks on a background with the XYZ color 67.3459, 59.4607,

53.8265.

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

67.3459, 59.4607, 53.8265

Protanopia

57.1526, 59.6914, 59.5483

Deuteranopia

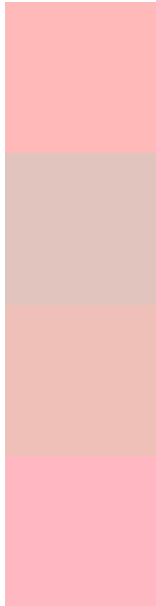
60.9203, 59.7217, 53.1163



Tritanopia

68.4585, 59.5722, 60.7138

Trichromacy



Original Color

67.3459, 59.4607, 53.8265

Protanomaly

60.5079, 59.4102, 57.5684

Deuteranomaly

63.0980, 59.5107, 53.5085

Tritanomaly

68.0061, 59.3912, 58.3314

Monochromacy



Original Color

67.3459, 59.4607, 53.8265

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

61.1276, 60.3127, 61.8458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3459, 59.4607, 53.8265 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, 185)` looks like.

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

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, 185) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 67.3459, 59.4607, 53.8265 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, 185) }
```


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

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

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, 185) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 67.3459, 59.4607, 53.8265 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, 185) }
```

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

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

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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