

Converting Colors

XYZ(67.1380, 59.1007, 53.5848)

Have a look what the booklet for
XYZ(67.1380, 59.1007, 53.5848)
contains.

| | |
|--|----|
| XYZ(67.1374, 59.0438, 53.7570) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(67.1374, 59.0438,
53.7570)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFB8B9 |
| RGB | 255, 184, 185 |
| RGB Percent | 100%, 72%, 73% |
| CMY | 0.0000, 0.2784, 0.2745 |
| CMYK | 0.00, 0.28, 0.27, 0.00 |
| HSL | 359°, 100%, 86% |
| HSV | 359°, 28%, 100% |
| XYZ | 67.1374, 59.0438, 53.7570 |
| YIQ | 205.3430, 41.9950, 15.3630 |

Conversions

Conversions Part 2

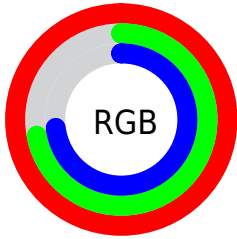
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 184, 185 |
| Decimal | 16758969 |
| CIE Lab | 81.32, 25.83, 9.71 |
| CIE LCh | 81, 27.595, 20.610 |
| Yxy | 59.0438, 0.3731, 0.3281 |
| Android (android.graphics.Color) | 4294949049 (0xFFFFB8B9) |
| YUV | 205.3430, -10.0291, 43.5492 |
| Hunter-Lab | 76.8400, 21.4909, 12.3089 |

Details

The XYZ color **67.1374, 59.0438, 53.7570** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.4190, 88.8673, 107.0539**, and the grayscale version is **58.2912, 61.3269, 66.7850**.

A 20% lighter version of the original color is **88.2773, 89.9311, 95.9248**, and **35.1734, 29.5015, 25.6703** is the 20% darker color. If you saturate the color by 10%, you get **59.8863, 48.4200, 39.3825**, and if you desaturate by 10%, it is **75.8158, 71.7702, 70.9240**.

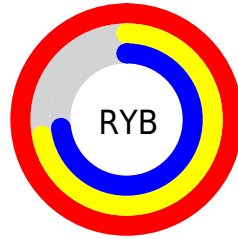
Distribution



Red (100%)

Green (72%)

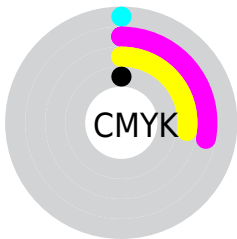
Blue (73%)



Red (100%)

Yellow (72%)

Blue (73%)

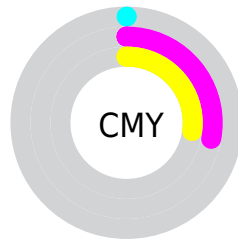


Cyan (0%)

Magenta (28%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1374, 59.0438, 53.7570 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 67.1374, 59.0438, 53.7570 by changing the saturation by 10% instead.


 67.1374, 59.0438,
53.7570

 67.1374, 59.0438,
53.7570


439.8585,
421.0642, 418.3311

 49.4674, 42.6484,
38.0156

 114.1660,
103.4413, 97.1702

 35.2065, 29.6093,
25.6928


144.2553,
132.2122, 125.6790

 23.9892, 19.5422,
16.3703


179.2150,
165.8770, 159.2807

 15.4503, 12.0627,
9.6294

219.4106,
204.8202, 198.3938

 9.2244, 6.7864,
5.0515

265.2074,
249.4261, 243.4368

 4.9461, 3.3289,
2.2183


316.9708,

 2.2501, 1.3058,


300.0792, 294.8284


0.6849


375.0660,
357.1637, 352.9869


 0.7690, 0.1457,
0.0000


 0.0000, 0.0000,
0.0000


 67.1374, 59.0438,
53.7570


 67.1374, 59.0438,
53.7570

 59.8863, 48.4200,
39.3825


 75.8158, 71.7702,
70.9240

 53.9816, 39.7781,
27.6497

 85.9871, 86.6952,
91.0165

 49.3420, 32.9979,
18.3989

95.0500, 100.0000,
108.9000

 45.8749, 27.9424,
11.4517

■ 43.4758, 24.4565,
6.6061

■ 42.0210, 22.3566,
3.6249

■ 41.3491, 21.3993,
2.2096

■ 41.2596, 21.2678,
2.0331

Harmonies

Analogous

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



67.7710, 59.0438, 69.6037



67.1374, 59.0438, 53.7570



63.4453, 59.0438, 42.7582

Triad

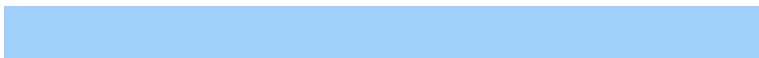
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.1374, 59.0438, 53.7570



47.9875, 59.0438, 46.1875



54.3318, 59.0438, 100.9355

Complementary

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



67.1374, 59.0438, 53.7570



73.4190, 88.8673, 107.0539

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.



49.3803, 59.0438, 92.0509



67.1374, 59.0438, 53.7570



45.8861, 59.0438, 59.2514

Square

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



67.1374, 59.0438, 53.7570



52.3102, 59.0438, 38.9352



46.3780, 59.0438, 76.1131



60.1090, 59.0438, 98.7827

Rectangle

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



67.1374, 59.0438, 53.7570



59.8772, 59.0438, 38.7700



46.3780, 59.0438, 76.1131



52.5221, 59.0438, 99.0908

Sweetspot

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



67.1390, 59.0466, 53.7582



85.8128, 86.4394, 90.6725



75.9979, 62.5400, 102.6736



18.0197, 17.9912, 18.7210



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.



67.1390, 59.0466, 53.7582



63.2238, 53.3089, 46.0017



75.0469, 75.0299, 55.8779



18.0197, 17.9912, 18.7210



21.5635, 11.1147, 1.0858



2.1030, 1.0836, 0.1240

Inverse Universe

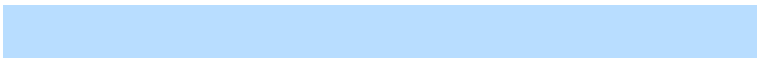
The Inverse Universe completely reimagines the original color for something new.



67.1390, 59.0466, 53.7582



63.2238, 53.3089, 46.0017



63.5925, 68.9587, 104.5664



18.0197, 17.9912, 18.7210



21.5635, 11.1147, 1.0858



2.1030, 1.0836, 0.1240

Previews

White Background



This preview shows how the XYZ color 67.1374, 59.0438, 53.7570 looks on a white background.

Color Contrast Check

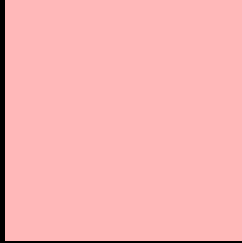
Large Text (above 18pt) WCAG AA × Fail

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 67.1374, 59.0438, 53.7570 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 67.1374, 59.0438, 53.7570

Background



This preview shows how black text looks on a background with the XYZ color 67.1374, 59.0438, 53.7570.



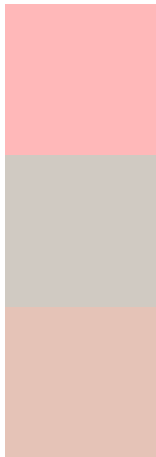
This preview shows how white text looks on a background with the XYZ color 67.1374, 59.0438,

53.7570.

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

67.1374, 59.0438, 53.7570

Protanopia

56.8706, 59.5460, 59.5351

Deuteranopia

60.3754, 59.1071, 53.0264



Tritanopia

68.1373, 59.1125, 60.0432

Trichromacy



Original Color

67.1374, 59.0438, 53.7570

Protanomaly

59.9704, 58.7994, 57.4788

Deuteranomaly

62.5424, 58.8994, 53.4198

Tritanomaly

67.6879, 58.9327, 57.6768

Monochromacy



Original Color

67.1374, 59.0438, 53.7570

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 67.1374, 59.0438, 53.7570 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 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, 184, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 185) }
```

Border

The CSS property to change the border of an element to XYZ 67.1374, 59.0438, 53.7570 is called "border". The border property can be set on classes, ids or directly on the HTML element.

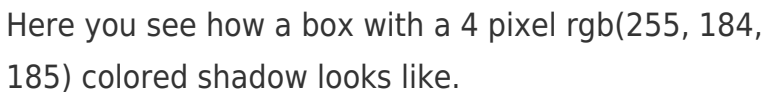
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 184, 185) }
```


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

```
.border{ border-color:rgb(255, 184, 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, 184, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 184, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 184, 185); box-shadow:4px 4px 4px 4px rgb(255, 184, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1374, 59.0438, 53.7570 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, 185) }
```

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

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