

Converting Colors

XYZ(67.0053, 58.4190, 54.8241)

Have a look what the booklet for
XYZ(67.0053, 58.4190, 54.8241)
contains.

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Color

**XYZ(66.9376, 58.3038,
54.7395)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6BB
RGB	255, 182, 187
RGB Percent	100%, 71%, 73%
CMY	0.0000, 0.2862, 0.2667
CMYK	0.00, 0.29, 0.27, 0.00
HSL	356°, 100%, 86%
HSV	356°, 29%, 100%
XYZ	66.9376, 58.3038, 54.7395
YIQ	204.3970, 41.9030, 17.0310

Conversions

Conversions Part 2

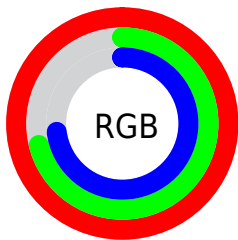
Format	Color
R _Y B	255, 182, 187
Decimal	16758459
CIE Lab	80.91, 27.15, 8.05
CIE LCh	81, 28.315, 16.522
Yxy	58.3038, 0.3719, 0.3239
Android (android.graphics.Color)	4294948539 (0xFFFFB6BB)
YUV	204.3970, -8.5767, 44.3788
Hunter-Lab	76.3569, 22.8558, 10.9455

Details

The XYZ color **66.9376, 58.3038, 54.7395** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.3091, 88.3683, 103.6924**, and the grayscale version is **57.6810, 60.6849, 66.0859**.

A 20% lighter version of the original color is **87.9922, 88.8801, 97.3119**, and **35.1793, 29.2921, 26.3540** is the 20% darker color. If you saturate the color by 10%, you get **59.8466, 47.8605, 40.8499**, and if you desaturate by 10%, it is **75.4031, 70.8224, 71.1640**.

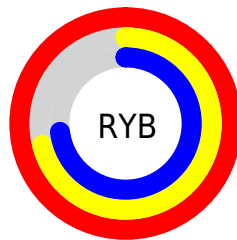
Distribution



Red (100%)

Green (71%)

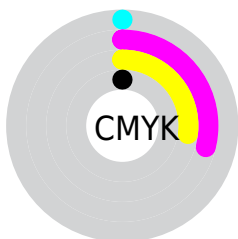
Blue (73%)



Red (100%)

Yellow (71%)

Blue (73%)

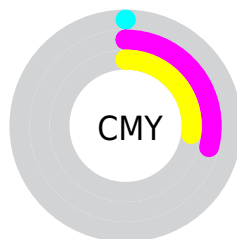


Cyan (0%)

Magenta (29%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (29%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.9376, 58.3038, 54.7395 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 66.9376, 58.3038, 54.7395 by changing the saturation by 10% instead.


 66.9376, 58.3038,
54.7395

 66.9376, 58.3038,
54.7395


439.1586,
418.3170, 422.1778

 49.3044, 42.0529,
38.7960


 113.8813,
102.3651, 98.6265

 35.0766, 29.1427,
26.2945


143.9225,
130.9444, 127.4071

 23.8886, 19.1888,
16.8163


178.8305,
164.4019, 161.3038

 15.3753, 11.8068,
9.9430

218.9705,
203.1220, 200.7351

 9.1712, 6.6123,
5.2561

264.7080,
247.4892, 246.1196

 4.9111, 3.2208,
2.3369

316.4082,

 2.2294, 1.2481,

297.8879, 297.8759

0.7518

374.4367,
354.7023, 356.4224

0.7582, 0.1005,
0.0000

0.0000, 0.0000,
0.0000

66.9376, 58.3038,
54.7395

66.9376, 58.3038,
54.7395

59.8466, 47.8605,
40.8499

75.4031, 70.8224,
71.1640

54.0534, 39.3728,
29.3655

85.3057, 85.5115,
90.2370

49.4804, 32.7215,
20.1506

95.0500, 100.0000,
108.9000

46.0401, 27.7707,
13.0546

■ 43.6332, 24.3658,
7.9084

■ 42.1431, 22.3245,
4.5174

■ 41.4108, 21.3892,
2.6417

■ 41.3447, 21.3019,
2.4815

Harmonies

Analogous

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



67.1135, 58.3038, 71.3062



66.9376, 58.3038, 54.7395



63.5376, 58.3038, 42.8247

Triad

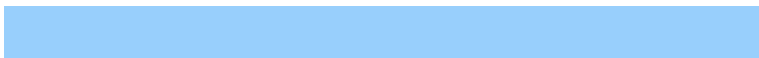
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.9376, 58.3038, 54.7395



47.6340, 58.3038, 43.7642



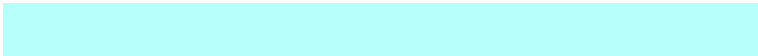
52.8307, 58.3038, 100.3259

Complementary

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



66.9376, 58.3038, 54.7395



72.3091, 88.3683, 103.6924

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.



48.0178, 58.3038, 89.9013



66.9376, 58.3038, 54.7395



45.1634, 58.3038, 56.2539

Square

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



66.9376, 58.3038, 54.7395



52.2725, 58.3038, 37.2954



45.2987, 58.3038, 73.1111



58.6831, 58.3038, 99.7250

Rectangle

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



66.9376, 58.3038, 54.7395



60.0281, 58.3038, 38.2428



45.2987, 58.3038, 73.1111



51.0465, 58.3038, 97.9261

Sweetspot

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



66.9391, 58.3065, 54.7407



84.9075, 84.9201, 89.4724



73.8167, 60.8031, 102.4533



17.8474, 17.6919, 18.5238



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.



66.9391, 58.3065, 54.7407



62.9608, 52.4412, 46.9672



73.3329, 71.9351, 54.2793



18.0598, 18.0072, 18.9320



21.6220, 11.1381, 1.3940



2.1220, 1.0912, 0.2240

Inverse Universe

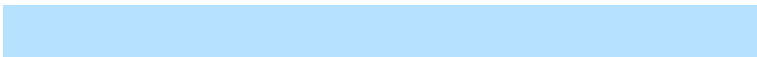
The Inverse Universe completely reimagines the original color for something new.



66.9391, 58.3065, 54.7407



62.9608, 52.4412, 46.9672



64.1564, 70.7928, 104.8907



18.0598, 18.0072, 18.9320



21.6220, 11.1381, 1.3940



2.1220, 1.0912, 0.2240

Previews

White Background



This preview shows how the XYZ color 66.9376, 58.3038, 54.7395 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 66.9376, 58.3038, 54.7395 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 66.9376, 58.3038, 54.7395

Background



This preview shows how black text looks on a background with the XYZ color 66.9376, 58.3038, 54.7395.



This preview shows how white text looks on a background with the XYZ color 66.9376, 58.3038,

54.7395.

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

66.9376, 58.3038, 54.7395

Protanopia

56.1859, 58.4616, 61.1462

Deuteranopia

59.7273, 58.4172, 54.0266



Tritanopia

67.6142, 58.2479, 59.3091

Trichromacy



Original Color

66.9376, 58.3038, 54.7395

Protanomaly

59.4361, 57.8375, 58.4832

Deuteranomaly

62.2014, 58.3766, 54.4438

Tritanomaly

67.2783, 58.1135, 57.5403

Monochromacy



Original Color

66.9376, 58.3038, 54.7395

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

60.3644, 59.2450, 61.6800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9376, 58.3038, 54.7395 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, 182, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 187)  
}
```

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, 182, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 187) }
```

Border

The CSS property to change the border of an element to XYZ 66.9376, 58.3038, 54.7395 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, 182, 187) }
```


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

```
.border{ border-color:rgb(255, 182, 187) }
```

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

Here you see how a box with a 4 pixel rgb(255, 182, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9376, 58.3038, 54.7395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 187) }
```

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

```
.background{ background-color: rgb(255,  
182, 187) }
```

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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