

Converting Colors

XYZ(97.8577, 71.6763, 58.1699)

Have a look what the booklet for
XYZ(97.8577, 71.6763, 58.1699)
contains.

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Color

**XYZ(65.5875, 54.9087,
56.4318)**

Conversions

Conversions Part 1

Format	Color
Hex	FFADBFBF
RGB	255, 173, 191
RGB Percent	100%, 68%, 75%
CMY	0.0000, 0.3215, 0.2510
CMYK	0.00, 0.32, 0.25, 0.00
HSL	347°, 100%, 84%
HSV	347°, 32%, 100%
XYZ	65.5875, 54.9087, 56.4318
YIQ	199.5700, 43.0940, 22.9820

Conversions

Conversions Part 2

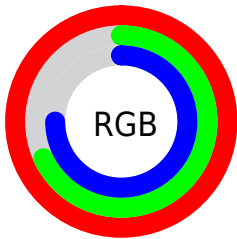
Format	Color
R_{YB}	255, 173, 191
Decimal	16756159
CIE _{Lab}	78.99, 32.41, 3.12
CIE _{LCh}	79, 32.555, 5.503
Yxy	54.9087, 0.3707, 0.3103
Android (android.graphics.Color)	4294946239 (0xFFFFADB _F)
YUV	199.5700, -4.2250, 48.6121
Hunter-Lab	74.1004, 28.3176, 6.7175

Details

The XYZ color **65.5875, 54.9087, 56.4318** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.2818, 86.5197, 93.2259**, and the grayscale version is **54.6432, 57.4889, 62.6054**.

A 20% lighter version of the original color is **86.0478, 84.0140, 99.6768**, and **34.3299, 27.1382, 27.4736** is the 20% darker color. If you saturate the color by 10%, you get **59.1126, 45.2293, 44.1914**, and if you desaturate by 10%, it is **73.2960, 66.5784, 70.5533**.

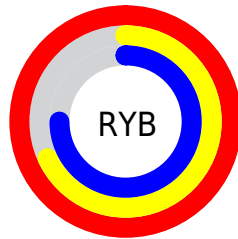
Distribution



Red (100%)

Green (68%)

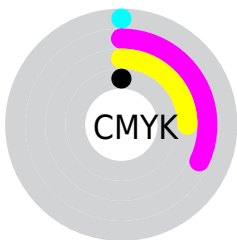
Blue (75%)



Red (100%)

Yellow (68%)

Blue (75%)

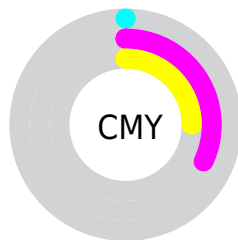


Cyan (0%)

Magenta (32%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (32%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5875, 54.9087, 56.4318 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 65.5875, 54.9087, 56.4318 by changing the saturation by 10% instead.

 65.5875, 54.9087,
56.4318

 65.5875, 54.9087,
56.4318


434.4121,
405.5658, 428.7507

 48.2041, 39.3286,
40.1429


 111.9551, 97.4072,
101.1277

 34.2005, 27.0155,
27.3354


141.6700,
125.0944, 130.3718

 23.2113, 17.5848,
17.5906

176.2261,
157.5861, 164.7714

 14.8711, 10.6523,
10.4901

215.9888,
195.2666, 204.7451

 8.8147, 5.8336,
5.6152

261.3233,
238.5205, 250.7113

 4.6767, 2.7441,
2.5476

312.5952,

 2.0916, 0.9997,

287.7320, 303.0886

0.8652

370.1697,
343.2857, 362.2956

■ 0.6847, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.5875, 54.9087,
56.4318

■ 65.5875, 54.9087,
56.4318

■ 59.1126, 45.2293,
44.1914

■ 73.2960, 66.5784,
70.5533

■ 53.8020, 37.4213,
33.7481

■ 82.2941, 80.3334,
86.6280

■ 49.5857, 31.3650,
25.0166

■ 92.6396, 96.2717,
104.7286

■ 46.3842, 26.9235,
17.9028

95.0500, 100.0000,
108.9000

■ 44.1071, 23.9393,
12.3032

■ 42.6463, 22.2229,
8.1009

■ 41.9529, 21.5452,
5.6842

Harmonies

Analogous

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



64.3571, 54.9087, 75.8217



65.5875, 54.9087, 56.4318



62.9939, 54.9087, 41.3789

Triad

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



65.5875, 54.9087, 56.4318



45.2880, 54.9087, 35.2050



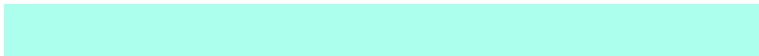
47.1954, 54.9087, 98.4530

Complementary

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



65.5875, 54.9087, 56.4318



68.2818, 86.5197, 93.2259

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.



42.6963, 54.9087, 82.9742



65.5875, 54.9087, 56.4318



41.6604, 54.9087, 46.1878

Square

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



65.5875, 54.9087, 56.4318



51.0043, 54.9087, 30.8561



40.7522, 54.9087, 63.2710



53.3921, 54.9087, 102.7607

Rectangle

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



65.5875, 54.9087, 56.4318



59.5621, 54.9087, 34.9532



40.7522, 54.9087, 63.2710



45.4511, 54.9087, 94.2472

Sweetspot

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



65.5889, 54.9112, 56.4329



84.4072, 83.5795, 90.3540



67.5431, 54.9199, 101.6484



17.7700, 17.4337, 18.8169



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.



65.5889, 54.9112, 56.4329



61.0264, 48.0755, 47.8547



68.2697, 63.2500, 48.1487



18.1725, 18.0523, 19.5258



21.9662, 11.2758, 3.2066



2.1773, 1.1133, 0.5153

Inverse Universe

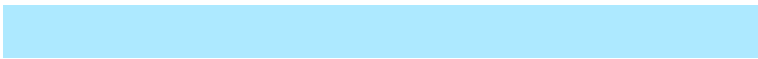
The Inverse Universe completely reimagines the original color for something new.



65.5889, 54.9112, 56.4329



61.0264, 48.0755, 47.8547



64.4621, 74.4593, 105.5823



18.1725, 18.0523, 19.5258



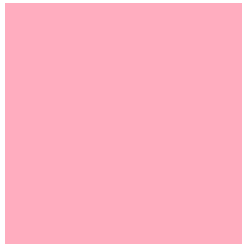
21.9662, 11.2758, 3.2066



2.1773, 1.1133, 0.5153

Previews

White Background



This preview shows how the XYZ color 65.5875, 54.9087, 56.4318 looks on a white background.

Color Contrast Check

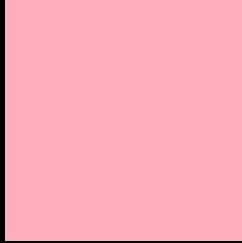
Large Text (above 18pt) WCAG AA × Fail

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 65.5875, 54.9087, 56.4318 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 65.5875, 54.9087, 56.4318

Background



This preview shows how black text looks on a background with the XYZ color 65.5875, 54.9087, 56.4318.



This preview shows how white text looks on a background with the XYZ color 65.5875, 54.9087,

56.4318.

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

65.5875, 54.9087, 56.4318

Protanopia

53.4401, 55.2602, 64.9764

Deuteranopia

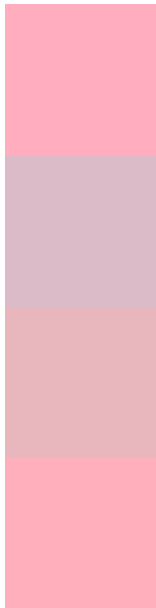
56.1881, 54.9315, 55.2183



Tritanopia

65.3457, 55.1200, 54.2088

Trichromacy



Original Color

65.5875, 54.9087, 56.4318

Protanomaly

56.9926, 54.5696, 61.5620

Deuteranomaly

59.0738, 54.5300, 55.5559

Tritanomaly

65.4532, 55.1629, 54.7747

Monochromacy



Original Color

65.5875, 54.9087, 56.4318

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

58.0067, 56.0738, 60.5894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5875, 54.9087, 56.4318 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, 173, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 191)  
}
```

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, 173, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 191) }
```

Border

The CSS property to change the border of an element to XYZ 65.5875, 54.9087, 56.4318 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, 173, 191) }
```


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

```
.border{ border-color:rgb(255, 173, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5875, 54.9087, 56.4318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 191) }
```

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

```
.background{ background-color: rgb(255,  
173, 191) }
```

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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