

Converting Colors

XYZ(64.5282, 55.1261, 48.8768)

Have a look what the booklet for
XYZ(64.5282, 55.1261, 48.8768)
contains.

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Color

**XYZ(64.5058, 55.0943,
48.8294)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFAFB1 |
| RGB | 255, 175, 177 |
| RGB Percent | 100%, 69%, 69% |
| CMY | 0.0000, 0.3137, 0.3059 |
| CMYK | 0.00, 0.31, 0.31, 0.00 |
| HSL | 359°, 100%, 84% |
| HSV | 359°, 31%, 100% |
| XYZ | 64.5058, 55.0943, 48.8294 |
| YIQ | 199.1480, 47.0380, 17.5820 |

Conversions

Conversions Part 2

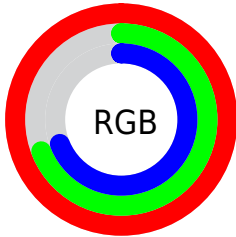
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 175, 177 |
| Decimal | 16756657 |
| CIE Lab | 79.10, 29.50, 10.87 |
| CIE LCh | 79, 31.441, 20.228 |
| Yxy | 55.0943, 0.3830, 0.3271 |
| Android (android.graphics.Color) | 4294946737 (0xFFFFAFB1) |
| YUV | 199.1480, -10.9190, 48.9822 |
| Hunter-Lab | 74.2255, 25.2310, 12.9538 |

Details

The XYZ color **64.5058, 55.0943, 48.8294** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.1711, 87.7269, 106.1148**, and the grayscale version is **54.4225, 57.2567, 62.3526**.

A 20% lighter version of the original color is **84.5239, 84.2950, 88.9065**, and **33.6872, 27.2701, 22.8902** is the 20% darker color. If you saturate the color by 10%, you get **57.7465, 45.1870, 35.4431**, and if you desaturate by 10%, it is **72.6565, 67.0615, 64.9083**.

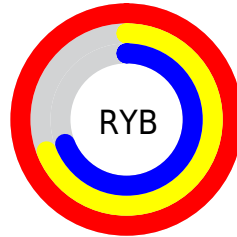
Distribution



Red (100%)

Green (69%)

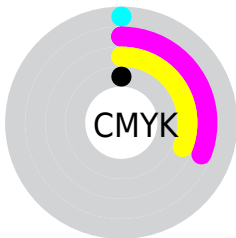
Blue (69%)



Red (100%)

Yellow (69%)

Blue (69%)

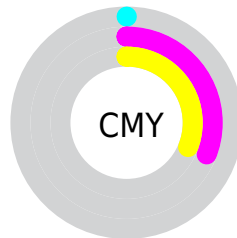


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5058, 55.0943, 48.8294 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 64.5058, 55.0943, 48.8294 by changing the saturation by 10% instead.

64.5058, 55.0943,
48.8294

64.5058, 55.0943,
48.8294

430.5872,
406.2693, 398.6735

47.3237, 39.4772,
34.1195

110.4087, 97.6791,
89.8164

33.5006, 27.1312,
22.7073

139.8602,
125.4156, 116.9306

22.6713, 17.6718,
14.1743

174.1322,
157.9608, 149.0166

14.4703, 10.7146,
8.1019

213.5901,
195.6989, 186.4930

8.5324, 5.8753,
4.0715

258.5992,
239.0144, 229.7784

4.4921, 2.7694,
1.6646

309.5248,

1.9841, 1.0125,

288.2917, 279.2912

0.3363

366.7324,
343.9152, 335.4501

■ 0.6250, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.5058, 55.0943,
48.8294

■ 64.5058, 55.0943,
48.8294

■ 57.7465, 45.1870,
35.4431

■ 72.6565, 67.0615,
64.9083

■ 52.2971, 37.2164,
24.5992

■ 82.2660, 81.1874,
83.8124

■ 48.0738, 31.0579,
16.1379

■ 93.4020, 97.5738,
105.6691

■ 44.9818, 26.5695,
9.8801

■ 95.0500, 100.0000,
108.9000

■ 42.9122, 23.5879,
5.6210

■ 41.7344, 21.9170,
3.1179

■ 41.2748, 21.2739,
2.1134

Harmonies

Analogous

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



65.1612, 55.0943, 66.0382



64.5058, 55.0943, 48.8294



60.4588, 55.0943, 37.1807

Triad

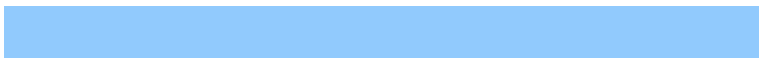
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.5058, 55.0943, 48.8294



43.6390, 55.0943, 40.5084



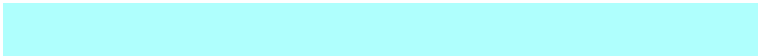
50.3468, 55.0943, 100.8308

Complementary

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



64.5058, 55.0943, 48.8294



71.1711, 87.7269, 106.1148

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.



45.0287, 55.0943, 90.6151



64.5058, 55.0943, 48.8294



41.3652, 55.0943, 54.3197

Square

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



64.5058, 55.0943, 48.8294



48.3085, 55.0943, 33.0833



41.8528, 55.0943, 72.7296



56.6435, 55.0943, 98.5469

Rectangle

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



64.5058, 55.0943, 48.8294



56.5484, 55.0943, 33.0200



41.8528, 55.0943, 72.7296



48.3941, 55.0943, 98.6780

Sweetspot

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



64.5072, 55.0969, 48.8305



84.7648, 84.8630, 88.7208



73.6471, 58.6403, 102.0448



17.8126, 17.6780, 18.3407



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.



64.5072, 55.0969, 48.8305



59.8744, 48.3040, 39.6629



72.6063, 71.6110, 50.5564



18.0277, 17.9944, 18.7633



21.5749, 11.1193, 1.1461



2.1068, 1.0851, 0.1441

Inverse Universe

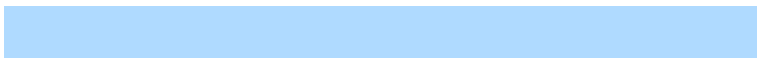
The Inverse Universe completely reimagines the original color for something new.



64.5072, 55.0969, 48.8305



59.8744, 48.3040, 39.6629



60.7165, 66.3064, 104.2061



18.0277, 17.9944, 18.7633



21.5749, 11.1193, 1.1461



2.1068, 1.0851, 0.1441

Previews

White Background



This preview shows how the XYZ color 64.5058, 55.0943, 48.8294 looks on a white background.

Color Contrast Check

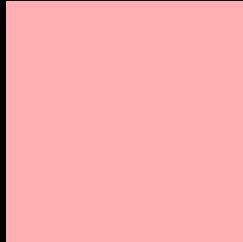
Large Text (above 18pt) WCAG AA × Fail

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 64.5058, 55.0943, 48.8294 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 64.5058, 55.0943, 48.8294

Background



This preview shows how black text looks on a background with the XYZ color 64.5058, 55.0943, 48.8294.



This preview shows how white text looks on a background with the XYZ color 64.5058, 55.0943,

48.8294.

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

64.5058, 55.0943, 48.8294

Protanopia

52.9493, 55.2176, 55.4443

Deuteranopia

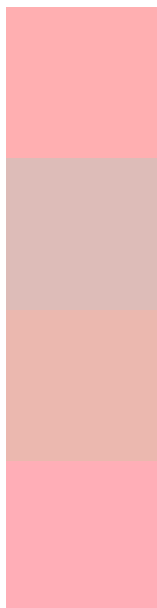
56.2690, 55.1392, 47.7216



Tritanopia

65.3457, 55.1200, 54.2088

Trichromacy



Original Color

64.5058, 55.0943, 48.8294

Protanomaly

56.4537, 54.7993, 52.9493

Deuteranomaly

59.1393, 55.0383, 48.0639

Tritanomaly

64.9233, 54.9510, 51.9845

Monochromacy



Original Color

64.5058, 55.0943, 48.8294

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

57.0308, 55.6486, 57.0256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5058, 55.0943, 48.8294 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, 175, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 177)  
}
```

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, 175, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 177) }
```

Border

The CSS property to change the border of an element to XYZ 64.5058, 55.0943, 48.8294 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, 175, 177) }
```


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

```
.border{ border-color:rgb(255, 175, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5058, 55.0943, 48.8294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 177) }
```

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

```
.background{ background-color: rgb(255,  
175, 177) }
```

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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