

Converting Colors

XYZ(65.0629, 56.0471, 48.6167)

Have a look what the booklet for
XYZ(65.0629, 56.0471, 48.6167)
contains.

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Color

**XYZ(64.7986, 55.8389,
48.4370)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB1B0
RGB	255, 177, 176
RGB Percent	100%, 69%, 69%
CMY	0.0000, 0.3059, 0.3098
CMYK	0.00, 0.31, 0.31, 0.00
HSL	1°, 100%, 85%
HSV	1°, 31%, 100%
XYZ	64.7986, 55.8389, 48.4370
YIQ	200.2080, 46.8090, 16.2250

Conversions

Conversions Part 2

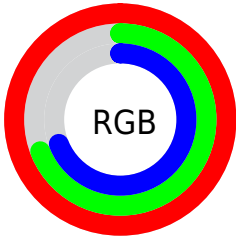
Format	Color
R _Y B	255, 177, 176
Decimal	16757168
CIE Lab	79.52, 28.33, 12.02
CIE LCh	80, 30.771, 22.989
Yxy	55.8389, 0.3833, 0.3303
Android (android.graphics.Color)	4294947248 (0xFFFFB1B0)
YUV	200.2080, -11.9345, 48.0526
Hunter-Lab	74.7254, 24.0178, 13.8760

Details

The XYZ color **64.7986, 55.8389, 48.4370** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.3949, 87.3305, 107.7013**, and the grayscale version is **55.0802, 57.9487, 63.1061**.

A 20% lighter version of the original color is **84.9444, 85.3640, 88.3438**, and **33.8717, 27.7409, 22.6381** is the 20% darker color. If you saturate the color by 10%, you get **57.9863, 45.8799, 34.8657**, and if you desaturate by 10%, it is **73.0050, 67.8272, 64.8122**.

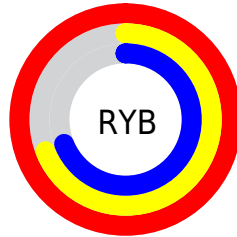
Distribution



Red (100%)

Green (69%)

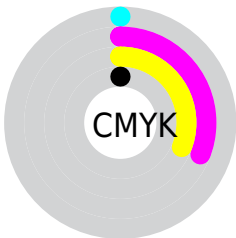
Blue (69%)



Red (100%)

Yellow (69%)

Blue (69%)

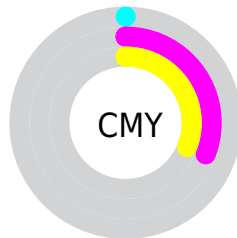


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.7986, 55.8389, 48.4370 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 64.7986, 55.8389, 48.4370 by changing the saturation by 10% instead.


 64.7986, 55.8389,
48.4370

 64.7986, 55.8389,
48.4370

431.6245,
409.0841, 397.0802

 47.5619, 40.0738,
33.8106


 110.8276, 98.7690,
89.2270

 33.6899, 27.5961,
22.4720

140.3506,
126.7028, 116.2277

 22.8172, 18.0214,
14.0025

174.6997,
159.4615, 148.1903

 14.5785, 10.9653,
7.9836

214.2402,
197.4297, 185.5333

 8.6085, 6.0435,
3.9968

259.3377,
240.9916, 228.6753

 4.5418, 2.8716,
1.6236

310.3573,

 2.0130, 1.0651,

290.5317, 278.0347

0.3076

367.6645,
346.4344, 334.0302

■ 0.6412, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.7986, 55.8389,
48.4370

■ 64.7986, 55.8389,
48.4370

■ 57.9863, 45.8799,
34.8657

■ 73.0050, 67.8272,
64.8122

■ 52.4867, 37.8307,
23.9382

■ 82.6723, 81.9401,
84.1327

■ 48.2166, 31.5714,
15.4830

■ 93.8683, 98.2762,
106.5343

■ 45.0816, 26.9654,
9.3076

■ 95.0500, 100.0000,
108.9000

■ 42.9734, 23.8565,
5.1907

■ 41.7630, 22.0586,
2.8673

■ 41.2752, 21.3304,
1.9417

Harmonies

Analogous

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



65.7814, 55.8389, 65.0545



64.7986, 55.8389, 48.4370



60.5634, 55.8389, 37.4443

Triad

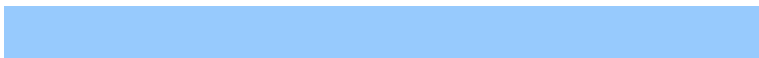
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.7986, 55.8389, 48.4370



44.1270, 55.8389, 42.5052



51.6339, 55.8389, 101.2837

Complementary

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



64.7986, 55.8389, 48.4370



71.3949, 87.3305, 107.7013

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.



46.2275, 55.8389, 92.2739



64.7986, 55.8389, 48.4370



42.1171, 55.8389, 56.7334

Square

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



64.7986, 55.8389, 48.4370



48.5602, 55.8389, 34.5132



42.8551, 55.8389, 75.1036



57.8575, 55.8389, 97.8773

Rectangle

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



64.7986, 55.8389, 48.4370



56.6312, 55.8389, 33.6865



42.8551, 55.8389, 75.1036



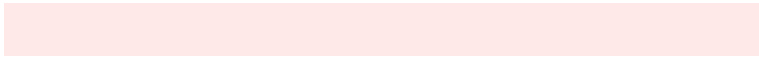
49.6675, 55.8389, 99.5564

Sweetspot

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



64.8000, 55.8415, 48.4381



84.7656, 84.9950, 88.3192



74.8156, 59.5312, 102.1552



17.8128, 17.7101, 18.2429



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.



64.8000, 55.8415, 48.4381



60.5362, 49.6090, 39.9415



73.5047, 73.2509, 51.3397



18.0279, 18.0240, 18.6731



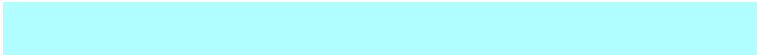
21.5752, 11.1616, 1.0173



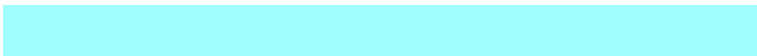
2.1069, 1.0992, 0.1011

Inverse Universe

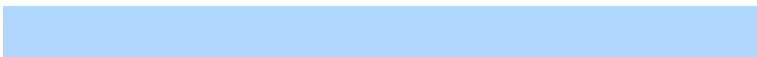
The Inverse Universe completely reimagines the original color for something new.



71.3949, 87.3305, 107.7013



68.0556, 85.5170, 107.5273



60.3829, 65.3065, 104.0306



18.5339, 20.4394, 23.2183



27.5896, 40.0887, 55.7184



2.6924, 3.9156, 5.4271

Previews

White Background



This preview shows how the XYZ color 64.7986, 55.8389, 48.4370 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 64.7986, 55.8389, 48.4370 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 64.7986, 55.8389, 48.4370

Background



This preview shows how black text looks on a background with the XYZ color 64.7986, 55.8389, 48.4370.



This preview shows how white text looks on a background with the XYZ color 64.7986, 55.8389,

48.4370.

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

64.7986, 55.8389, 48.4370

Protanopia

53.7310, 56.3150, 54.4923

Deuteranopia

57.1048, 55.8905, 47.8226



Tritanopia

65.9506, 55.9848, 55.4743

Trichromacy



Original Color

64.7986, 55.8389, 48.4370

Protanomaly

57.2884, 55.8923, 52.0248

Deuteranomaly

59.6789, 55.6259, 48.1489

Tritanomaly

65.4171, 55.7714, 52.6645

Monochromacy



Original Color

64.7986, 55.8389, 48.4370

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.7688, 56.6765, 57.1851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7986, 55.8389, 48.4370 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, 177, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 176)  
}
```

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, 177, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 176) }
```

Border

The CSS property to change the border of an element to XYZ 64.7986, 55.8389, 48.4370 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, 177, 176) }
```


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

```
.border{ border-color:rgb(255, 177, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7986, 55.8389, 48.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 176) }
```

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

```
.background{ background-color: rgb(255,  
177, 176) }
```

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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