

Converting Colors

XYZ(65.8012, 55.6302, 51.0447)

Have a look what the booklet for
XYZ(65.8012, 55.6302, 51.0447)
contains.

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Color

**XYZ(64.9105, 55.2561,
50.9604)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAFB5
RGB	255, 175, 181
RGB Percent	100%, 69%, 71%
CMY	0.0000, 0.3137, 0.2902
CMYK	0.00, 0.31, 0.29, 0.00
HSL	356°, 100%, 84%
HSV	356°, 31%, 100%
XYZ	64.9105, 55.2561, 50.9604
YIQ	199.6040, 45.7540, 18.8260

Conversions

Conversions Part 2

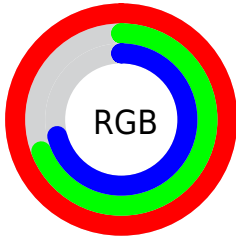
Format	Color
R _Y B	255, 175, 181
Decimal	16756661
CIE Lab	79.19, 30.02, 8.84
CIE LCh	79, 31.292, 16.403
Yxy	55.2561, 0.3793, 0.3229
Android (android.graphics.Color)	4294946741 (0xFFFFAFB5)
YUV	199.6040, -9.1718, 48.5823
Hunter-Lab	74.3344, 25.7849, 11.3875

Details

The XYZ color **64.9105, 55.2561, 50.9604** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.5403, 87.4746, 102.7931**, and the grayscale version is **54.6923, 57.5406, 62.6617**.

A 20% lighter version of the original color is **85.1020, 84.5263, 91.9506**, and **33.8818, 27.3479, 23.9150** is the 20% darker color. If you saturate the color by 10%, you get **58.1888, 45.3639, 37.7724**, and if you desaturate by 10%, it is **72.9818, 67.1915, 66.6213**.

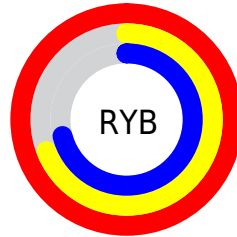
Distribution



Red (100%)

Green (69%)

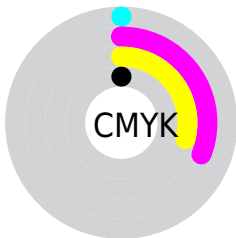
Blue (71%)



Red (100%)

Yellow (69%)

Blue (71%)

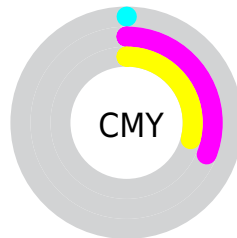


Cyan (0%)

Magenta (31%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.9105, 55.2561, 50.9604 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 64.9105, 55.2561, 50.9604 by changing the saturation by 10% instead.


 64.9105, 55.2561,
50.9604

 64.9105, 55.2561,
50.9604


432.0206,
406.8820, 407.2521

 47.6529, 39.6068,
35.8006


 110.9876, 97.9161,
93.0071

 33.7622, 27.2321,
23.9917


140.5379,
125.6956, 120.7311

 22.8730, 17.7476,
15.1154


174.9164,
158.2872, 153.4803

 14.6200, 10.7689,
8.7529

214.4885,
196.0754, 191.6731

 8.6377, 5.9117,
4.4857

259.6197,
239.4446, 235.7282

 4.5608, 2.7915,
1.8954


310.6752,


 2.0240, 1.0238,


288.7792, 286.0640


0.4898


368.0203,
344.4635, 343.0991


 0.6474, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000

 64.9105, 55.2561,
50.9604


 64.9105, 55.2561,
50.9604


 58.1888, 45.3639,
37.7724


 72.9818, 67.1915,
66.6213

 52.7392, 37.3932,
26.9277

 82.4665, 81.2675,
84.8690

 48.4825, 31.2213,
18.2899

 93.4295, 97.5847,
105.8144

 45.3288, 26.7083,
11.7072

95.0500, 100.0000,
108.9000

■ 43.1757, 23.6933,
7.0086

■ 41.9010, 21.9837,
3.9952

■ 41.3585, 21.3074,
2.5540

Harmonies

Analogous

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



65.0860, 55.2561, 68.6233



64.9105, 55.2561, 50.9604



61.2490, 55.2561, 38.5248

Triad

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



64.9105, 55.2561, 50.9604



44.2888, 55.2561, 39.4166



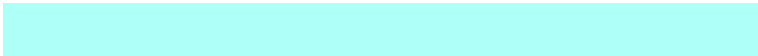
49.7446, 55.2561, 100.1957

Complementary

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



64.9105, 55.2561, 50.9604



70.5403, 87.4746, 102.7931

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.



44.6611, 55.2561, 88.6869



64.9105, 55.2561, 50.9604



41.6841, 55.2561, 52.4311

Square

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



64.9105, 55.2561, 50.9604



49.1986, 55.2561, 32.8214



41.8148, 55.2561, 70.4150



55.9861, 55.2561, 99.5843

Rectangle

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



64.9105, 55.2561, 50.9604



57.4779, 55.2561, 33.8174



41.8148, 55.2561, 70.4150



47.8544, 55.2561, 97.5317

Sweetspot

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



64.9118, 55.2586, 50.9615



84.9289, 84.9287, 89.5854



72.2111, 57.8999, 101.9776



17.8526, 17.6940, 18.5514



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.



64.9118, 55.2586, 50.9615



60.3085, 48.4777, 41.9488



71.6166, 69.6316, 50.2263



18.0646, 18.0092, 18.9573



21.6303, 11.1414, 1.4379



2.1243, 1.0921, 0.2360

Inverse Universe

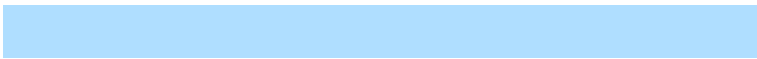
The Inverse Universe completely reimagines the original color for something new.



64.9118, 55.2586, 50.9615



60.3085, 48.4777, 41.9488



61.7641, 68.4017, 104.5553



18.0646, 18.0092, 18.9573



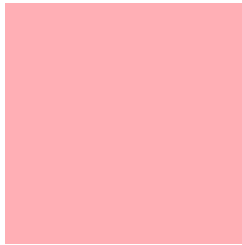
21.6303, 11.1414, 1.4379



2.1243, 1.0921, 0.2360

Previews

White Background



This preview shows how the XYZ color 64.9105, 55.2561, 50.9604 looks on a white background.

Color Contrast Check

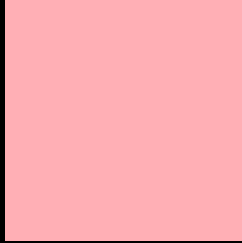
Large Text (above 18pt) WCAG AA × Fail

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 64.9105, 55.2561, 50.9604 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 64.9105, 55.2561, 50.9604

Background



This preview shows how black text looks on a background with the XYZ color 64.9105, 55.2561, 50.9604.



This preview shows how white text looks on a background with the XYZ color 64.9105, 55.2561,

50.9604.

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

64.9105, 55.2561, 50.9604

Protanopia

53.3417, 55.7031, 57.8095

Deuteranopia

56.5735, 55.5709, 49.8640



Tritanopia

65.3457, 55.1200, 54.2088

Trichromacy



Original Color

64.9105, 55.2561, 50.9604



Protanomaly

56.8791, 54.9694, 55.1893



Deuteranomaly

59.4173, 55.4450, 50.2182



Tritanomaly

65.1330, 55.0349, 53.0889

Monochromacy



Original Color

64.9105, 55.2561, 50.9604



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

57.7716, 56.3275, 58.2795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9105, 55.2561, 50.9604 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 181) }
```

Border

The CSS property to change the border of an element to XYZ 64.9105, 55.2561, 50.9604 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, 181) }
```


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

```
.border{ border-color:rgb(255, 175, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9105, 55.2561, 50.9604 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, 181) }
```

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

```
.background{ background-color: rgb(255,  
175, 181) }
```

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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