

Converting Colors

XYZ(65.1091, 55.6384, 51.1351)

Have a look what the booklet for
XYZ(65.1091, 55.6384, 51.1351)
contains.

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Color

**XYZ(65.1058, 55.6469,
51.0255)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0B5
RGB	255, 176, 181
RGB Percent	100%, 69%, 71%
CMY	0.0000, 0.3098, 0.2902
CMYK	0.00, 0.31, 0.29, 0.00
HSL	356°, 100%, 85%
HSV	356°, 31%, 100%
XYZ	65.1058, 55.6469, 51.0255
YIQ	200.1910, 45.4790, 18.3030

Conversions

Conversions Part 2

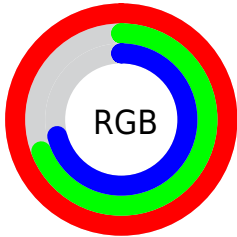
Format	Color
R_{YB}	255, 176, 181
Decimal	16756917
CIE _{Lab}	79.41, 29.49, 9.16
CIE _{LCh}	79, 30.883, 17.246
Yxy	55.6469, 0.3790, 0.3239
Android (android.graphics.Color)	4294946997 (0xFFFFB0B5)
YUV	200.1910, -9.4612, 48.0675
Hunter-Lab	74.5968, 25.2447, 11.6624

Details

The XYZ color **65.1058, 55.6469, 51.0255** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.9222, 87.6533, 103.6278**, and the grayscale version is **55.0555, 57.9227, 63.0778**.

A 20% lighter version of the original color is **85.3827, 85.0877, 92.0442**, and **34.0052, 27.5947, 23.9561** is the 20% darker color. If you saturate the color by 10%, you get **58.3229, 45.6729, 37.6909**, and if you desaturate by 10%, it is **73.2510, 67.6723, 66.8886**.

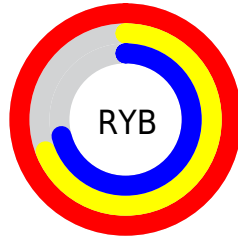
Distribution



Red (100%)

Green (69%)

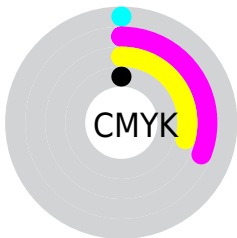
Blue (71%)



Red (100%)

Yellow (69%)

Blue (71%)

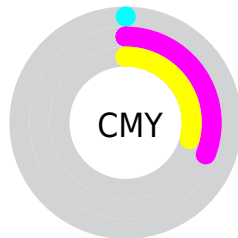


Cyan (0%)

Magenta (31%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1058, 55.6469, 51.0255 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 65.1058, 55.6469, 51.0255 by changing the saturation by 10% instead.

 65.1058, 55.6469,
51.0255

 65.1058, 55.6469,
51.0255

432.7113,
408.3594, 407.5122

 47.8119, 39.9199,
35.8520


 111.2668, 98.4881,
93.1044

 33.8886, 27.4761,
24.0312

140.8646,
126.3711, 120.8468

 22.9705, 17.9311,
15.1443


175.2945,
159.0749, 153.6160

 14.6923, 10.9005,
8.7730

214.9217,
196.9839, 191.8305

 8.6886, 6.0000,
4.4986

260.1116,
240.4824, 235.9089

 4.5941, 2.8451,
1.9027

311.2296,

 2.0434, 1.0514,

289.9549, 286.2696

0.4944

368.6410,
345.7858, 343.3312

■ 0.6582, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.1058, 55.6469,
51.0255

■ 65.1058, 55.6469,
51.0255

■ 58.3229, 45.6729,
37.6909

■ 73.2510, 67.6723,
66.8886

■ 52.8237, 37.6286,
26.7511

■ 82.8226, 81.8465,
85.3980

■ 48.5286, 31.3914,
18.0650

■ 93.8859, 98.2699,
106.6680

■ 45.3469, 26.8215,
11.4755

■ 95.0500, 100.0000,
108.9000

■ 43.1753, 23.7586,
6.8050

■ 41.8912, 22.0109,
3.8470

■ 41.3344, 21.2978,
2.4274

Harmonies

Analogous

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



65.3839, 55.6469, 68.4398



65.1058, 55.6469, 51.0255



61.3987, 55.6469, 38.8286

Triad

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



65.1058, 55.6469, 51.0255



44.6152, 55.6469, 40.2517



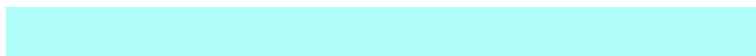
50.3037, 55.6469, 100.3383

Complementary

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



65.1058, 55.6469, 51.0255



70.9222, 87.6533, 103.6278

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.



45.2074, 55.6469, 89.2595



65.1058, 55.6469, 51.0255



42.0998, 55.6469, 53.3647

Square

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



65.1058, 55.6469, 51.0255



49.4361, 55.6469, 33.4940



42.3078, 55.6469, 71.2808



56.5026, 55.6469, 99.3723

Rectangle

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



65.1058, 55.6469, 51.0255



57.6343, 55.6469, 34.2550



42.3078, 55.6469, 71.2808



48.4148, 55.6469, 97.8209

Sweetspot

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



65.1072, 55.6495, 51.0266



84.8904, 84.9133, 89.3823



72.9056, 58.5481, 102.0661



17.8432, 17.6902, 18.5019



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.



65.1072, 55.6495, 51.0266



60.8633, 49.4034, 42.7011



72.1823, 70.6052, 50.9015



18.0559, 18.0057, 18.9117



21.6157, 11.1356, 1.3609



2.1202, 1.0905, 0.2145

Inverse Universe

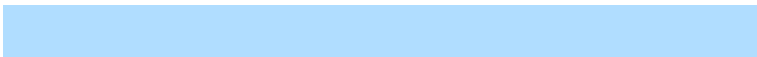
The Inverse Universe completely reimagines the original color for something new.



65.1072, 55.6495, 51.0266



60.8633, 49.4034, 42.7011



61.7516, 68.0422, 104.4865



18.0559, 18.0057, 18.9117



21.6157, 11.1356, 1.3609



2.1202, 1.0905, 0.2145

Previews

White Background



This preview shows how the XYZ color 65.1058, 55.6469, 51.0255 looks on a white background.

Color Contrast Check

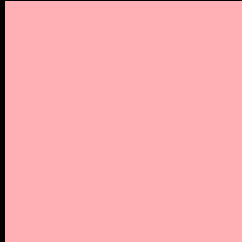
Large Text (above 18pt) WCAG AA × Fail

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 65.1058, 55.6469, 51.0255 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 65.1058, 55.6469, 51.0255

Background



This preview shows how black text looks on a background with the XYZ color 65.1058, 55.6469, 51.0255.



This preview shows how white text looks on a background with the XYZ color 65.1058, 55.6469,

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

65.1058, 55.6469, 51.0255

Protanopia

53.6115, 55.8422, 57.8222

Deuteranopia

56.8808, 55.7292, 49.8784



Tritanopia

65.6471, 55.5508, 54.8393

Trichromacy



Original Color

65.1058, 55.6469, 51.0255



Protanomaly

57.0935, 55.3982, 55.2607



Deuteranomaly

59.7466, 55.6148, 50.2336



Tritanomaly

65.3269, 55.4227, 53.1535

Monochromacy



Original Color

65.1058, 55.6469, 51.0255



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 65.1058, 55.6469, 51.0255 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, 176, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 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, 176, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 181) }
```

Border

The CSS property to change the border of an element to XYZ 65.1058, 55.6469, 51.0255 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, 176, 181) }
```


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

```
.border{ border-color:rgb(255, 176, 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, 176, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1058, 55.6469, 51.0255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 181) }
```

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

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