

Converting Colors

XYZ(65.9615, 55.9735, 55.5800)

Have a look what the booklet for
XYZ(65.9615, 55.9735, 55.5800)
contains.

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Color

**XYZ(65.9506, 55.9848,
55.4743)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0BD
RGB	255, 176, 189
RGB Percent	100%, 69%, 74%
CMY	0.0000, 0.3098, 0.2588
CMYK	0.00, 0.31, 0.26, 0.00
HSL	350°, 100%, 85%
HSV	350°, 31%, 100%
XYZ	65.9506, 55.9848, 55.4743
YIQ	201.1030, 42.9110, 20.7910

Conversions

Conversions Part 2

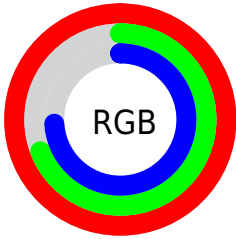
Format	Color
R _Y B	255, 176, 189
Decimal	16756925
CIE Lab	79.61, 30.56, 5.10
CIE LCh	80, 30.984, 9.472
Yxy	55.9848, 0.3717, 0.3156
Android (android.graphics.Color)	4294947005 (0xFFFFB0BD)
YUV	201.1030, -5.9668, 47.2677
Hunter-Lab	74.8230, 26.3935, 8.4181

Details

The XYZ color **65.9506, 55.9848, 55.4743** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.6938, 87.1620, 97.1592**, and the grayscale version is **55.5997, 58.4952, 63.7013**.

A 20% lighter version of the original color is **86.5780, 85.5658, 98.3389**, and **34.5529, 27.8138, 26.8400** is the 20% darker color. If you saturate the color by 10%, you get **59.2669, 46.0505, 42.6625**, and if you desaturate by 10%, it is **73.9160, 67.9383, 70.3907**.

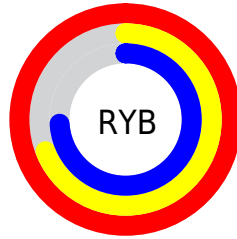
Distribution



Red (100%)

Green (69%)

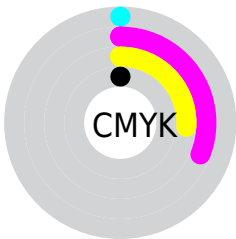
Blue (74%)



Red (100%)

Yellow (69%)

Blue (74%)

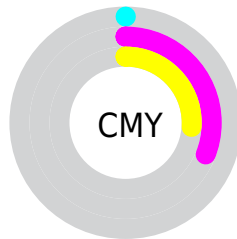


Cyan (0%)

Magenta (31%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.9506, 55.9848, 55.4743 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 65.9506, 55.9848, 55.4743 by changing the saturation by 10% instead.

 65.9506, 55.9848,
55.4743

 65.9506, 55.9848,
55.4743


435.6916,
409.6342, 425.0398

 48.4999, 40.1907,
39.3804


 112.4736, 98.9824,
99.7136

 34.4358, 27.6873,
26.7457


142.2765,
126.9546, 128.6962

 23.3931, 18.0901,
17.1516


176.9275,
159.7551, 162.8120

 15.0063, 11.0147,
10.1795

216.7920,
197.7682, 202.4798

 8.9102, 6.0767,
5.4110

262.2353,
241.3782, 248.1178

 4.7393, 2.8918,
2.4274

313.6227,

 2.1283, 1.0755,

290.9696, 300.1449

0.8013

371.3197,
346.9268, 358.9793

■ 0.7045, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.9506, 55.9848,
55.4743

■ 65.9506, 55.9848,
55.4743

■ 59.2669, 46.0505,
42.6625

■ 73.9160, 67.9383,
70.3907

■ 53.7932, 38.0164,
31.8565

■ 83.2212, 82.0059,
87.4974

■ 49.4571, 31.7628,
22.9549

■ 93.9260, 98.2859,
106.8796

■ 46.1768, 27.1535,
15.8457

■ 95.0500, 100.0000,
108.9000

■ 43.8589, 24.0320,
10.4049

■ 42.3934, 22.2118,
6.4919

■ 41.6570, 21.4268,
4.1259

Harmonies

Analogous

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



65.2624, 55.9848, 73.8240



65.9506, 55.9848, 55.4743



63.0253, 55.9848, 41.6131

Triad

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



65.9506, 55.9848, 55.4743



45.9407, 55.9848, 38.0869



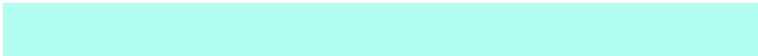
49.1129, 55.9848, 99.1492

Complementary

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



65.9506, 55.9848, 55.4743



69.6938, 87.1620, 97.1592

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.



44.4739, 55.9848, 85.5250



65.9506, 55.9848, 55.4743



42.7443, 55.9848, 49.6809

Square

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



65.9506, 55.9848, 55.4743



51.2610, 55.9848, 32.9498



42.2292, 55.9848, 66.7915



55.2116, 55.9848, 101.5389

Rectangle

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



65.9506, 55.9848, 55.4743



59.5446, 55.9848, 35.8837



42.2292, 55.9848, 66.7915



47.3449, 55.9848, 95.6205

Sweetspot

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



65.9521, 55.9874, 55.4754



85.2256, 85.0474, 91.1478



70.1377, 57.1212, 101.9366



17.9250, 17.7229, 18.9328



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.



65.9521, 55.9874, 55.4754



61.7772, 49.7689, 47.5134



70.2770, 66.7945, 50.2663



18.1312, 18.0358, 19.3083



21.8022, 11.2102, 2.3431



2.1556, 1.1046, 0.4009

Inverse Universe

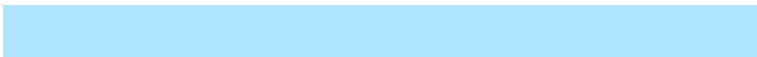
The Inverse Universe completely reimagines the original color for something new.



65.9521, 55.9874, 55.4754



61.7772, 49.7689, 47.5134



63.8837, 72.3064, 105.1972



18.1312, 18.0358, 19.3083



21.8022, 11.2102, 2.3431



2.1556, 1.1046, 0.4009

Previews

White Background



This preview shows how the XYZ color 65.9506, 55.9848, 55.4743 looks on a white background.

Color Contrast Check

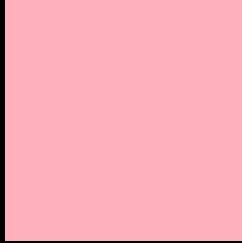
Large Text (above 18pt) WCAG AA × Fail

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 65.9506, 55.9848, 55.4743 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 65.9506, 55.9848, 55.4743

Background



This preview shows how black text looks on a background with the XYZ color 65.9506, 55.9848, 55.4743.



This preview shows how white text looks on a background with the XYZ color 65.9506, 55.9848,

55.4743.

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

65.9506, 55.9848, 55.4743

Protanopia

54.3283, 56.4289, 63.2868

Deuteranopia

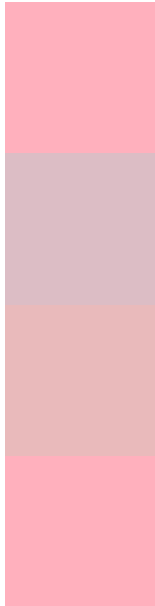
57.3125, 56.1789, 54.2773



Tritanopia

65.9506, 55.9848, 55.4743

Trichromacy



Original Color

65.9506, 55.9848, 55.4743

Protanomaly

57.7908, 55.6421, 60.5174

Deuteranomaly

60.1328, 56.0293, 54.6591

Tritanomaly

65.9506, 55.9848, 55.4743

Monochromacy



Original Color

65.9506, 55.9848, 55.4743

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

58.7465, 57.1026, 60.7490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9506, 55.9848, 55.4743 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 189) }
```

Border

The CSS property to change the border of an element to XYZ 65.9506, 55.9848, 55.4743 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, 189) }
```


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

```
.border{ border-color:rgb(255, 176, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9506, 55.9848, 55.4743 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
176, 189) }
```

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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