

Converting Colors

XYZ(68.5215, 56.5837, 56.1397)

Have a look what the booklet for
XYZ(68.5215, 56.5837, 56.1397)
contains.

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Color

**XYZ(65.6703, 55.2498,
55.9183)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAEBE
RGB	255, 174, 190
RGB Percent	100%, 68%, 75%
CMY	0.0000, 0.3176, 0.2549
CMYK	0.00, 0.32, 0.25, 0.00
HSL	348°, 100%, 84%
HSV	348°, 32%, 100%
XYZ	65.6703, 55.2498, 55.9183
YIQ	200.0430, 43.1400, 22.1480

Conversions

Conversions Part 2

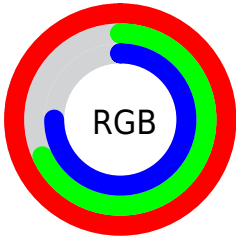
Format	Color
R _Y B	255, 174, 190
Decimal	16756414
CIE Lab	79.18, 31.75, 3.95
CIE LCh	79, 31.990, 7.092
Yxy	55.2498, 0.3714, 0.3124
Android (android.graphics.Color)	4294946494 (0xFFFFAEBE)
YUV	200.0430, -4.9512, 48.1973
Hunter-Lab	74.3302, 27.6258, 7.4275

Details

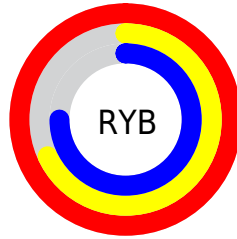
The XYZ color **65.6703, 55.2498, 55.9183** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.7977, 86.7517, 94.7841**, and the grayscale version is **54.9384, 57.7995, 62.9436**.

A 20% lighter version of the original color is **86.1714, 84.5074, 98.9586**, and **34.3787, 27.3512, 27.1343** is the 20% darker color. If you saturate the color by 10%, you get **59.1215, 45.4838, 43.4642**, and if you desaturate by 10%, it is **73.4711, 67.0167, 70.3404**.

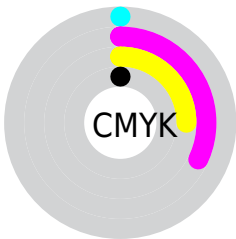
Distribution



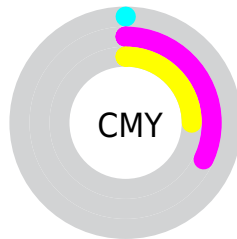
- Red (100%)
- Green (68%)
- Blue (75%)



- Red (100%)
- Yellow (68%)
- Blue (75%)



- Cyan (0%)
- Magenta (32%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (32%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6703, 55.2498, 55.9183 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 65.6703, 55.2498, 55.9183 by changing the saturation by 10% instead.


 65.6703, 55.2498,
55.9183

 65.6703, 55.2498,
55.9183

434.7041,
406.8581, 426.7632

 48.2715, 39.6018,
39.7339


 112.0733, 97.9069,
100.3697

 34.2541, 27.2282,
27.0189


141.8083,
125.6847, 129.4738

 23.2527, 17.7447,
17.3549


176.3861,
158.2745, 163.7215

 14.9019, 10.7668,
10.3232

216.1720,
196.0608, 203.5313

 8.8365, 5.9103,
5.5054

261.5314,
239.4279, 249.3219

 4.6909, 2.7906,
2.4828

312.8296,

 2.1000, 1.0234,

288.7602, 301.5117

0.8310

370.4321,
344.4422, 360.5193

■ 0.6892, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.6703, 55.2498,
55.9183

■ 65.6703, 55.2498,
55.9183

■ 59.1215, 45.4838,
43.4642

■ 73.4711, 67.0167,
70.3404

■ 53.7544, 37.5998,
32.8886

■ 82.5808, 80.8794,
86.8080

■ 49.4981, 31.4779,
24.0998

■ 93.0579, 96.9363,
105.3985

■ 46.2723, 26.9813,
16.9968

95.0500, 100.0000,
108.9000

■ 43.9851, 23.9531,
11.4684

■ 42.5279, 22.2044,
7.3887

■ 41.8235, 21.4934,
5.0026

Harmonies

Analogous

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



64.6600, 55.2498, 74.9168



65.6703, 55.2498, 55.9183



62.9335, 55.2498, 41.3379

Triad

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



65.6703, 55.2498, 55.9183



45.4481, 55.2498, 36.2333



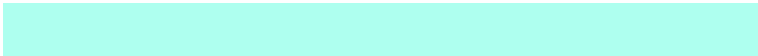
47.8755, 55.2498, 98.7286

Complementary

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



65.6703, 55.2498, 55.9183



68.7977, 86.7517, 94.7841

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.



43.3118, 55.2498, 83.9656



65.6703, 55.2498, 55.9183



41.9918, 55.2498, 47.4766

Square

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



65.6703, 55.2498, 55.9183



51.0114, 55.2498, 31.5651



41.2426, 55.2498, 64.6060



54.0444, 55.2498, 102.2558

Rectangle

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



65.6703, 55.2498, 55.9183



59.4736, 55.2498, 35.1930



41.2426, 55.2498, 64.6060



46.1184, 55.2498, 94.7887

Sweetspot

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



65.6717, 55.2523, 55.9194



84.3263, 83.5471, 89.9278



68.7168, 55.8107, 101.7585



17.7506, 17.4260, 18.7145



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.



65.6717, 55.2523, 55.9194



61.4433, 48.9316, 47.9248



69.1444, 64.8438, 48.9195



18.1560, 18.0457, 19.4386



21.8949, 11.2473, 2.8312



2.1682, 1.1096, 0.4669

Inverse Universe

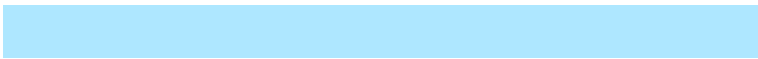
The Inverse Universe completely reimagines the original color for something new.



65.6717, 55.2523, 55.9194



61.4433, 48.9316, 47.9248



63.9995, 73.2045, 105.3645



18.1560, 18.0457, 19.4386



21.8949, 11.2473, 2.8312



2.1682, 1.1096, 0.4669

Previews

White Background



This preview shows how the XYZ color 65.6703, 55.2498, 55.9183 looks on a white background.

Color Contrast Check

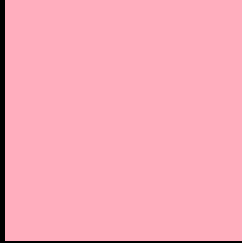
Large Text (above 18pt) WCAG AA × Fail

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 65.6703, 55.2498, 55.9183 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 65.6703, 55.2498, 55.9183

Background



This preview shows how black text looks on a background with the XYZ color 65.6703, 55.2498, 55.9183.



This preview shows how white text looks on a background with the XYZ color 65.6703, 55.2498,

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

65.6703, 55.2498, 55.9183

Protanopia

53.4645, 55.3002, 63.7332

Deuteranopia

56.5965, 55.4748, 54.7385



Tritanopia

65.4532, 55.1629, 54.7747

Trichromacy



Original Color

65.6703, 55.2498, 55.9183



Protanomaly

57.1768, 54.6779, 60.9664



Deuteranomaly

59.4963, 55.0676, 55.0703



Tritanomaly

65.5614, 55.2062, 55.3445

Monochromacy



Original Color

65.6703, 55.2498, 55.9183



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.1098, 56.4628, 60.0602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6703, 55.2498, 55.9183 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, 174, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 190)  
}
```

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, 174, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 190) }
```

Border

The CSS property to change the border of an element to XYZ 65.6703, 55.2498, 55.9183 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, 174, 190) }
```


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

```
.border{ border-color:rgb(255, 174, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6703, 55.2498, 55.9183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 190) }
```

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

```
.background{ background-color: rgb(255,  
174, 190) }
```

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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