

# Converting Colors

XYZ(75.2860, 60.0867, 55.5919)

Have a look what the booklet for  
XYZ(75.2860, 60.0867, 55.5919)  
contains.

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# Color

**XYZ(65.5614, 55.2062,  
55.3445)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAEBD
RGB	255, 174, 189
RGB Percent	100%, 68%, 74%
CMY	0.0000, 0.3176, 0.2588
CMYK	0.00, 0.32, 0.26, 0.00
HSL	349°, 100%, 84%
HSV	349°, 32%, 100%
XYZ	65.5614, 55.2062, 55.3445
YIQ	199.9290, 43.4610, 21.8370

# Conversions

## Conversions Part 2

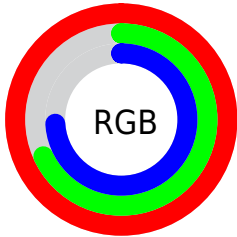
Format	Color
<a href="#">RYB</a>	<a href="#">255, 174, 189</a>
Decimal	<a href="#">16756413</a>
CIELab	<a href="#">79.16, 31.61, 4.46</a>
CIELCh	<a href="#">79, 31.921, 8.024</a>
Yxy	<a href="#">55.2062, 0.3723, 0.3135</a>
Android (android.graphics.Color)	<a href="#">4294946493</a> (0xFFFFAEBD)
YUV	<a href="#">199.9290, -5.3880, 48.2973</a>
Hunter-Lab	<a href="#">74.3009, 27.4778, 7.8473</a>

# Details

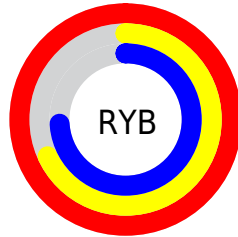
The XYZ color **65.5614, 55.2062, 55.3445** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.9459, 86.8110, 95.5644**, and the grayscale version is **54.8706, 57.7281, 62.8659**.

A 20% lighter version of the original color is **86.0182, 84.4462, 98.1523**, and **34.3073, 27.3226, 26.7582** is the 20% darker color. If you saturate the color by 10%, you get **58.9981, 45.4344, 42.8146**, and if you desaturate by 10%, it is **73.3856, 66.9824, 69.8903**.

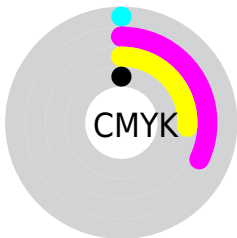
# Distribution



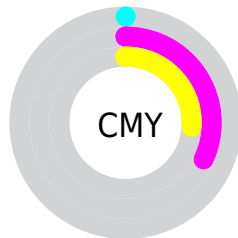
- Red (100%)
- Green (68%)
- Blue (74%)



- Red (100%)
- Yellow (68%)
- Blue (74%)



- Cyan (0%)
- Magenta (32%)
- Yellow (26%)
- Black (0%)




- Cyan (0%)
- Magenta (32%)
- Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5614, 55.2062, 55.3445 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 65.5614, 55.2062, 55.3445 by changing the saturation by 10% instead.





 65.5614, 55.2062,  
55.3445

 65.5614, 55.2062,  
55.3445


434.3201,  
406.6931, 424.5352

 48.1828, 39.5668,  
39.2771


 111.9178, 97.8430,  
99.5217

 34.1836, 27.2010,  
26.6659


141.6264,  
125.6092, 128.4687

 23.1982, 17.7242,  
17.0923


176.1756,  
158.1865, 162.5459

 14.8614, 10.7522,  
10.1376

215.9310,  
195.9593, 202.1720

 8.8079, 5.9004,  
5.3835

261.2577,  
239.3120, 247.7654

 4.6722, 2.7846,  
2.4113


312.5213,

 2.0890, 1.0204,

288.6289, 299.7447

0.7926


370.0869,  
344.2945, 358.5284


 0.6832, 0.0000,  
0.0000


 0.0000, 0.0000,  
0.0000

 65.5614, 55.2062,  
55.3445


 65.5614, 55.2062,  
55.3445


 58.9981, 45.4344,  
42.8146


 73.3856, 66.9824,  
69.8903

 53.6250, 37.5480,  
32.2076

 82.5285, 80.8585,  
86.5328

 49.3705, 31.4268,  
23.4280

 93.0491, 96.9327,  
105.3522

 46.1533, 26.9338,  
16.3706

95.0500, 100.0000,  
108.9000

■ 43.8808, 23.9113,  
10.9190

■ 42.4430, 22.1705,  
6.9418

■ 41.7573, 21.4669,  
4.6543

# Harmonies

## Analogous

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



64.6720, 55.2062, 74.2187



65.5614, 55.2062, 55.3445



62.7261, 55.2062, 40.9847

# Triad

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



65.5614, 55.2062, 55.3445



45.2815, 55.2062, 36.4914



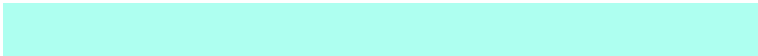
48.0196, 55.2062, 98.8692

# Complementary

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



65.5614, 55.2062, 55.3445



68.9459, 86.8110, 95.5644

# 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.



43.4009, 55.2062, 84.4159



65.5614, 55.2062, 55.3445



41.9114, 55.2062, 47.9135

# Square

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



65.5614, 55.2062, 55.3445



50.7803, 55.2062, 31.6319



41.2519, 55.2062, 65.1418



54.2005, 55.2062, 101.9746



# Rectangle

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



65.5614, 55.2062, 55.3445



59.2304, 55.2062, 34.9902



41.2519, 55.2062, 65.1418



46.2480, 55.2062, 95.0538

# Sweetspot

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



65.5627, 55.2087, 55.3456



84.2809, 83.5290, 89.6891



68.7168, 55.8107, 101.7585



17.7397, 17.4216, 18.6572



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.



65.5627, 55.2087, 55.3456



61.3243, 48.8840, 47.2983



69.1443, 64.8437, 48.9194



18.1467, 18.0420, 19.3897



21.8582, 11.2326, 2.6381



2.1633, 1.1077, 0.4413



# Inverse Universe

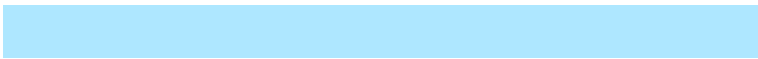
The Inverse Universe completely reimagines the original color for something new.



65.5627, 55.2087, 55.3456



61.3243, 48.8840, 47.2983



63.9995, 73.2045, 105.3645



18.1467, 18.0420, 19.3897



21.8582, 11.2326, 2.6381

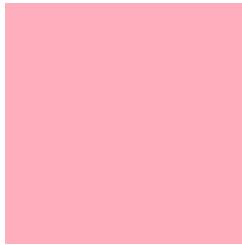


2.1633, 1.1077, 0.4413



# Previews

## White Background



This preview shows how the XYZ color 65.5614, 55.2062, 55.3445 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

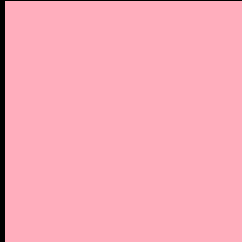
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 65.5614, 55.2062, 55.3445 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 65.5614, 55.2062, 55.3445**

## **Background**



This preview shows how black text looks on a background with the XYZ color 65.5614, 55.2062, 55.3445.



This preview shows how white text looks on a background with the XYZ color 65.5614, 55.2062,

55.3445.

# 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

65.5614, 55.2062, 55.3445

### Protanopia

53.6109, 55.3894, 63.1240

### Deuteranopia

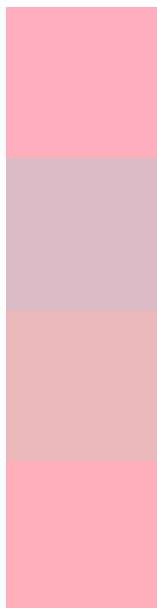
56.4898, 55.4322, 54.1765



## Tritanopia

65.4532, 55.1629, 54.7747

# Trichromacy



## Original Color

65.5614, 55.2062, 55.3445

## Protanomaly

57.0618, 54.6319, 60.3609

## Deuteranomaly

59.3888, 55.0246, 54.5044

## Tritanomaly

65.4532, 55.1629, 54.7747

# Monochromacy



## Original Color

65.5614, 55.2062, 55.3445

## 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 65.5614, 55.2062, 55.3445 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 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, 174, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 189) }
```

## Border

The CSS property to change the border of an element to XYZ 65.5614, 55.2062, 55.3445 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, 189) }
```



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

```
.border{ border-color:rgb(255, 174, 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, 174, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
189) }
```

# Background

The CSS property to change the background color of an element to XYZ 65.5614, 55.2062, 55.3445 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, 189) }
```

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

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