

Converting Colors

XYZ(67.3737, 55.8991, 64.9873)

Have a look what the booklet for
XYZ(67.3737, 55.8991, 64.9873)
contains.

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Color

**XYZ(67.3955, 55.9399,
65.0030)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAECD
RGB	255, 174, 205
RGB Percent	100%, 68%, 80%
CMY	0.0000, 0.3176, 0.1961
CMYK	0.00, 0.32, 0.20, 0.00
HSL	337°, 100%, 84%
HSV	337°, 32%, 100%
XYZ	67.3955, 55.9399, 65.0030
YIQ	201.7530, 38.3250, 26.8130

Conversions

Conversions Part 2

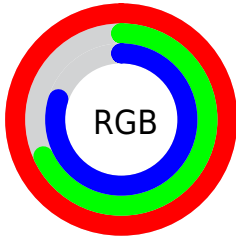
Format	Color
R _Y B	255, 174, 205
Decimal	16756429
CIE Lab	79.58, 33.88, -3.61
CIE LCh	80, 34.073, 353.914
Yxy	55.9399, 0.3578, 0.2970
Android (android.graphics.Color)	4294946509 (0xFFFFAECD)
YUV	201.7530, 1.6008, 46.6976
Hunter-Lab	74.7930, 29.9575, 0.8258

Details

The XYZ color **67.3955, 55.9399, 65.0030** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.6722, 85.9015, 83.5913**, and the grayscale version is **55.9600, 58.8743, 64.1141**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **35.4492, 27.7794, 32.7717** is the 20% darker color. If you saturate the color by 10%, you get **61.1230, 46.2844, 54.0042**, and if you desaturate by 10%, it is **74.7970, 67.5470, 77.3227**.

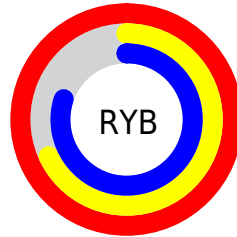
Distribution



Red (100%)

Green (68%)

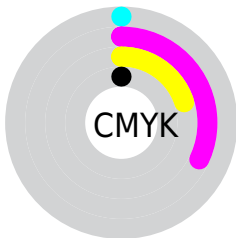
Blue (80%)



Red (100%)

Yellow (68%)

Blue (80%)

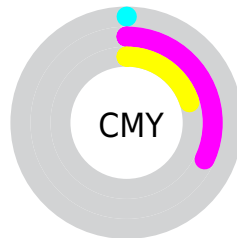


Cyan (0%)

Magenta (32%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3955, 55.9399, 65.0030 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 67.3955, 55.9399, 65.0030 by changing the saturation by 10% instead.


 67.3955, 55.9399,
65.0030

 67.3955, 55.9399,
65.0030


440.7616,
409.4650, 461.1093

 49.6780, 40.1547,
47.0122

 114.5336, 98.9167,
113.6675

 35.3744, 27.6592,
32.6908


144.6849,
126.8771, 145.1782

 24.1192, 18.0689,
21.6205


179.7115,
159.6648, 182.0326

 15.5473, 10.9995,
13.3827

219.9788,
197.6640, 224.6493

 9.2932, 6.0665,
7.5588

265.8521,
241.2593, 273.4468

 4.9916, 2.8856,
3.7303


317.6968,

 2.2770, 1.0723,


290.8349, 328.8435


1.4786


375.8782,
346.7753, 391.2582


 0.7829, 0.0000,
0.2019


 0.0000, 0.0000,
0.0000

 67.3955, 55.9399,
65.0030


 67.3955, 55.9399,
65.0030


 61.1230, 46.2844,
54.0042


 74.7970, 67.5470,
77.3227

 55.9168, 38.4647,
44.2758

 83.3777, 81.1982,
91.0047

 51.7140, 32.3642,
35.7682

 93.1897, 96.9889,
106.0924

 48.4429, 27.8496,
28.4272

95.0500, 100.0000,
108.9000

■ 46.0217, 24.7677,
22.1930

■ 44.3529, 22.9344,
16.9989

■ 43.4250, 22.1340,
13.4361

Harmonies

Analogous

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



64.5588, 55.9399, 85.9824



67.3955, 55.9399, 65.0030



66.1637, 55.9399, 46.8414

Triad

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



67.3955, 55.9399, 65.0030



47.9988, 55.9399, 32.4878



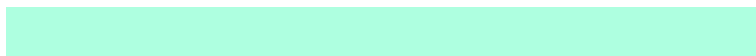
45.7714, 55.9399, 96.8278

Complementary

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



67.3955, 55.9399, 65.0030



66.6722, 85.9015, 83.5913

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.



41.9983, 55.9399, 77.5441



67.3955, 55.9399, 65.0030



43.2047, 55.9399, 41.2559

Square

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



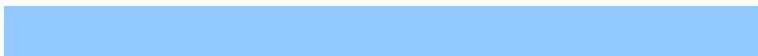
67.3955, 55.9399, 65.0030



54.5801, 55.9399, 30.5351



41.1005, 55.9399, 56.9907



51.7828, 55.9399, 106.7313

Rectangle

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



67.3955, 55.9399, 65.0030



63.2501, 55.9399, 38.2827



41.1005, 55.9399, 56.9907



44.2207, 55.9399, 91.0513

Sweetspot

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



67.3969, 55.9424, 65.0041



85.0161, 83.8230, 93.5603



63.9130, 53.3342, 101.5337



17.9166, 17.4924, 19.5888



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.



67.3969, 55.9424, 65.0041



63.3548, 49.6962, 57.9908



65.9082, 58.3715, 47.8407



18.2970, 18.1021, 20.1812



22.7576, 11.5923, 7.3742



2.2672, 1.1492, 0.9882

Inverse Universe

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



67.3969, 55.9424, 65.0041



63.3548, 49.6962, 57.9908



68.3262, 81.8580, 106.8067



18.2970, 18.1021, 20.1812



22.7576, 11.5923, 7.3742



2.2672, 1.1492, 0.9882

Previews

White Background



This preview shows how the XYZ color 67.3955, 55.9399, 65.0030 looks on a white background.

Color Contrast Check

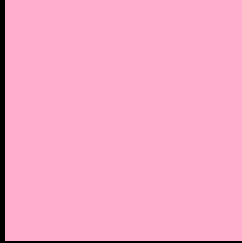
Large Text (above 18pt) WCAG AA × Fail

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 67.3955, 55.9399, 65.0030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

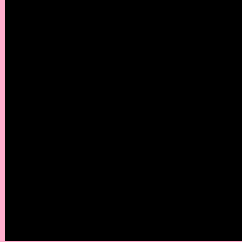
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3955, 55.9399, 65.0030

Background



This preview shows how black text looks on a background with the XYZ color 67.3955, 55.9399, 65.0030.



This preview shows how white text looks on a background with the XYZ color 67.3955, 55.9399,

65.0030.

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

67.3955, 55.9399, 65.0030

Protanopia

55.0318, 56.1964, 74.9643

Deuteranopia

57.3158, 55.9729, 63.6601



Tritanopia

65.5244, 56.0446, 56.0794

Trichromacy



Original Color

67.3955, 55.9399, 65.0030



Protanomaly

58.7361, 55.5732, 71.2493



Deuteranomaly

60.7616, 55.8327, 64.0742



Tritanomaly

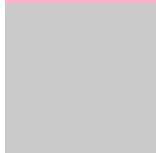
66.2487, 56.0616, 58.9590

Monochromacy



Original Color

67.3955, 55.9399, 65.0030



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

59.4479, 57.3832, 64.4427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3955, 55.9399, 65.0030 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 205) }
```

Border

The CSS property to change the border of an element to XYZ 67.3955, 55.9399, 65.0030 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, 205) }
```


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

```
.border{ border-color:rgb(255, 174, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3955, 55.9399, 65.0030 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, 205) }
```

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

```
.background{ background-color: rgb(255,  
174, 205) }
```

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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