

Converting Colors

XYZ(83.4411, 63.8817, 65.7482)

Have a look what the booklet for
XYZ(83.4411, 63.8817, 65.7482)
contains.

XYZ(67.2030, 55.5549, 64.9388)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.2030, 55.5549,
64.9388)**

Conversions

Conversions Part 1

Format	Color
Hex	FFADCD
RGB	255, 173, 205
RGB Percent	100%, 68%, 80%
CMY	0.0000, 0.3215, 0.1961
CMYK	0.00, 0.32, 0.20, 0.00
HSL	337°, 100%, 84%
HSV	337°, 32%, 100%
XYZ	67.2030, 55.5549, 64.9388
YIQ	201.1660, 38.6000, 27.3360

Conversions

Conversions Part 2

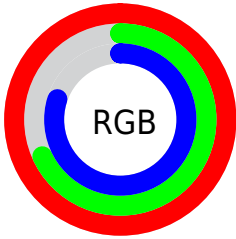
Format	Color
R _Y B	255, 173, 205
Decimal	16756173
CIE Lab	79.36, 34.40, -3.94
CIE LCh	79, 34.628, 353.474
Yxy	55.5549, 0.3580, 0.2960
Android (android.graphics.Color)	4294946253 (0xFFFFADCD)
YUV	201.1660, 1.8902, 47.2124
Hunter-Lab	74.5352, 30.5041, 0.5182

Details

The XYZ color **67.2030, 55.5549, 64.9388** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.3149, 85.7329, 82.8686**, and the grayscale version is **55.5934, 58.4886, 63.6941**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **35.3283, 27.5376, 32.7314** is the 20% darker color. If you saturate the color by 10%, you get **60.9870, 45.9790, 54.0620**, and if you desaturate by 10%, it is **74.5413, 67.0765, 77.1115**.

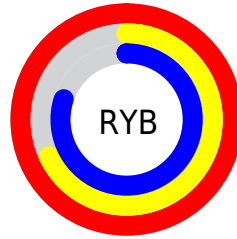
Distribution



Red (100%)

Green (68%)

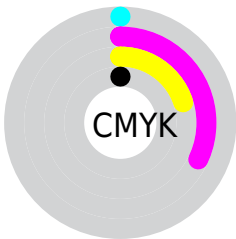
Blue (80%)



Red (100%)

Yellow (68%)

Blue (80%)

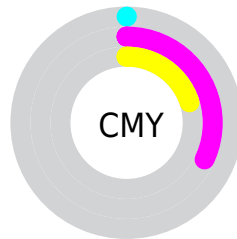


Cyan (0%)

Magenta (32%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.2030, 55.5549, 64.9388 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 67.2030, 55.5549, 64.9388 by changing the saturation by 10% instead.


 67.2030, 55.5549,
64.9388

 67.2030, 55.5549,
64.9388


440.0881,
408.0119, 460.8722

 49.5209, 39.8462,
46.9604


 114.2594, 98.3535,
113.5743

 35.2491, 27.4186,
32.6502


144.3645,
126.2122, 145.0685

 24.0223, 17.8879,
21.5897


179.3413,
158.8896, 181.9051

 15.4750, 10.8695,
13.3603

219.5551,
196.7701, 224.5025

 9.2419, 5.9792,
7.5435

265.3713,
240.2383, 273.2794

 4.9577, 2.8324,
3.7207


317.1554,


 2.2569, 1.0449,


289.6784, 328.6543


1.4734


375.2725,
345.4748, 391.0457

 0.7725, 0.0000,
0.1980


 0.0000, 0.0000,
0.0000


 67.2030, 55.5549,
64.9388


 67.2030, 55.5549,
64.9388


 60.9870, 45.9790,
54.0620

 74.5413, 67.0765,
77.1115

 55.8307, 38.2328,
44.4313

 83.0522, 80.6366,
90.6205

 51.6711, 32.1992,
35.9987

 92.7876, 96.3308,
105.5082

 48.4366, 27.7445,
28.7106

95.0500, 100.0000,
108.9000

■ 46.0451, 24.7146,
22.5088

■ 44.3984, 22.9238,
17.3275

■ 43.5163, 22.1705,
13.9169

Harmonies

Analogous

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



64.2699, 55.5549, 86.2092



67.2030, 55.5549, 64.9388



66.0146, 55.5549, 46.5071

Triad

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



67.2030, 55.5549, 64.9388



47.6638, 55.5549, 31.7689



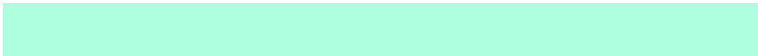
45.2518, 55.5549, 96.6945

Complementary

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



67.2030, 55.5549, 64.9388



66.3149, 85.7329, 82.8686

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.



41.4838, 55.5549, 77.0270



67.2030, 55.5549, 64.9388



42.7887, 55.5549, 40.4739

Square

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



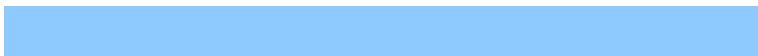
67.2030, 55.5549, 64.9388



54.3347, 55.5549, 29.9087



40.6231, 55.5549, 56.2489



51.3009, 55.5549, 106.9627

Rectangle

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



67.2030, 55.5549, 64.9388



63.0921, 55.5549, 37.8199



40.6231, 55.5549, 56.2489



43.6986, 55.5549, 90.7809

Sweetspot

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



67.2043, 55.5574, 64.9399



85.0445, 83.8344, 93.7100



63.1810, 52.6711, 101.4443



17.9235, 17.4951, 19.6249



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.



67.2043, 55.5574, 64.9399



62.8308, 48.7973, 57.3564



65.3491, 57.4088, 47.1751



18.3028, 18.1044, 20.2118



22.8061, 11.6117, 7.6293



2.2723, 1.1513, 1.0152

Inverse Universe

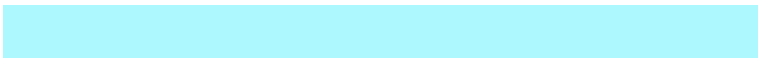
The Inverse Universe completely reimagines the original color for something new.



67.2043, 55.5574, 64.9399



62.8308, 48.7973, 57.3564



68.4848, 82.5046, 106.9232



18.3028, 18.1044, 20.2118



22.8061, 11.6117, 7.6293



2.2723, 1.1513, 1.0152

Previews

White Background



This preview shows how the XYZ color 67.2030, 55.5549, 64.9388 looks on a white background.

Color Contrast Check

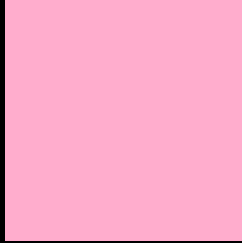
Large Text (above 18pt) WCAG AA × Fail

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 67.2030, 55.5549, 64.9388 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 67.2030, 55.5549, 64.9388

Background



This preview shows how black text looks on a background with the XYZ color 67.2030, 55.5549, 64.9388.



This preview shows how white text looks on a background with the XYZ color 67.2030, 55.5549,

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

67.2030, 55.5549, 64.9388

Protanopia

54.7742, 56.0637, 74.9523

Deuteranopia

57.0230, 55.8220, 63.6464



Tritanopia

65.2187, 55.6074, 55.4400

Trichromacy



Original Color

67.2030, 55.5549, 64.9388



Protanomaly

58.4397, 55.4204, 71.2354



Deuteranomaly

60.2331, 55.2508, 63.9898



Tritanomaly

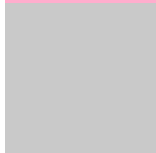
66.0533, 55.6709, 58.8939

Monochromacy



Original Color

67.2030, 55.5549, 64.9388



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

59.1103, 56.8980, 63.7441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2030, 55.5549, 64.9388 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, 173, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 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, 173, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 205) }
```

Border

The CSS property to change the border of an element to XYZ 67.2030, 55.5549, 64.9388 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, 173, 205) }
```


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

```
.border{ border-color:rgb(255, 173, 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, 173, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2030, 55.5549, 64.9388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 205) }
```

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

```
.background{ background-color: rgb(255,  
173, 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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