

Converting Colors

XYZ(67.1595, 55.6604, 64.3306)

Have a look what the booklet for
XYZ(67.1595, 55.6604, 64.3306)
contains.

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Color

**XYZ(67.0827, 55.5068,
64.3050)**

Conversions

Conversions Part 1

Format	Color
Hex	FFADCC
RGB	255, 173, 204
RGB Percent	100%, 68%, 80%
CMY	0.0000, 0.3215, 0.2000
CMYK	0.00, 0.32, 0.20, 0.00
HSL	337°, 100%, 84%
HSV	337°, 32%, 100%
XYZ	67.0827, 55.5068, 64.3050
YIQ	201.0520, 38.9210, 27.0250

Conversions

Conversions Part 2

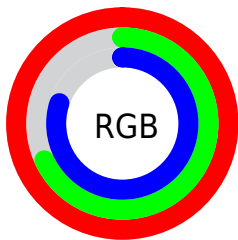
Format	Color
R _Y B	255, 173, 204
Decimal	16756172
CIE Lab	79.33, 34.26, -3.43
CIE LCh	79, 34.428, 354.276
Yxy	55.5068, 0.3589, 0.2970
Android (android.graphics.Color)	4294946252 (0xFFFFADCC)
YUV	201.0520, 1.4534, 47.3124
Hunter-Lab	74.5029, 30.3421, 0.9776

Details

The XYZ color **67.0827, 55.5068, 64.3050** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.4502, 85.7871, 83.5809**, and the grayscale version is **55.5252, 58.4169, 63.6160**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **35.2474, 27.5053, 32.3055** is the 20% darker color. If you saturate the color by 10%, you get **60.8449, 45.9222, 53.3134**, and if you desaturate by 10%, it is **74.4500, 67.0400, 76.6303**.

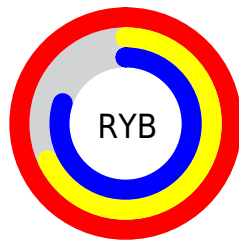
Distribution



Red (100%)

Green (68%)

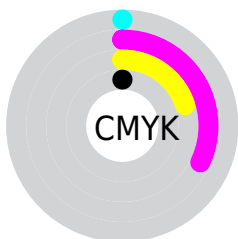
Blue (80%)



Red (100%)

Yellow (68%)

Blue (80%)

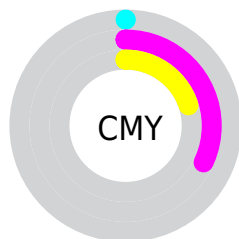


Cyan (0%)

Magenta (32%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.0827, 55.5068, 64.3050 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 67.0827, 55.5068, 64.3050 by changing the saturation by 10% instead.


 67.0827, 55.5068,
64.3050

 67.0827, 55.5068,
64.3050


439.6669,
407.8302, 458.5279

 49.4228, 39.8076,
46.4500


 114.0880, 98.2831,
112.6538

 35.1709, 27.3886,
32.2498


144.1642,
126.1290, 143.9846

 23.9617, 17.8653,
21.2860


179.1098,
158.7926, 180.6444

 15.4298, 10.8533,
13.1399

219.2902,
196.6584, 223.0518

 9.2098, 5.9683,
7.3931

265.0707,
240.1106, 271.6253

 4.9365, 2.8258,
3.6270


316.8168,

 2.2444, 1.0415,


289.5337, 326.7835


1.4230


374.8938,
345.3121, 388.9448


 0.7660, 0.0000,
0.1596

 0.0000, 0.0000,
0.0000

 67.0827, 55.5068,
64.3050

 67.0827, 55.5068,
64.3050


 60.8449, 45.9222,
53.3134


 74.4500, 67.0400,
76.6303

 55.6736, 38.1699,
43.6040

 82.9974, 80.6147,
90.3313

 51.5055, 32.1330,
35.1266

 92.7770, 96.3266,
105.4524

 48.2686, 27.6773,
27.8257

95.0500, 100.0000,
108.9000

■ 45.8802, 24.6486,
21.6406

■ 44.2418, 22.8612,
16.5030

■ 43.3695, 22.1118,
13.1438

Harmonies

Analogous

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



64.2720, 55.5068, 85.4345



67.0827, 55.5068, 64.3050



65.7925, 55.5068, 46.1297

Triad

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



67.0827, 55.5068, 64.3050



47.4913, 55.5068, 32.0074



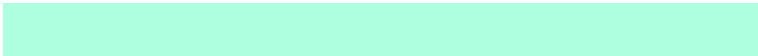
45.3874, 55.5068, 96.8093

Complementary

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



67.0827, 55.5068, 64.3050



66.4502, 85.7871, 83.5809

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.



41.5691, 55.5068, 77.4345



67.0827, 55.5068, 64.3050



42.7077, 55.5068, 40.8643

Square

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



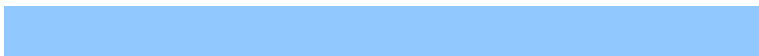
67.0827, 55.5068, 64.3050



54.0912, 55.5068, 29.9777



40.6324, 55.5068, 56.7282



51.4460, 55.5068, 106.6486

Rectangle

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



67.0827, 55.5068, 64.3050



62.8330, 55.5068, 37.6126



40.6324, 55.5068, 56.7282



43.8212, 55.5068, 91.0161

Sweetspot

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



67.0840, 55.5092, 64.3061



84.9985, 83.8160, 93.4676



63.6019, 52.8881, 101.4640



17.9124, 17.4907, 19.5664



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.



67.0840, 55.5092, 64.3061



62.6948, 48.7429, 56.6400



65.6288, 57.9681, 47.2683



18.2934, 18.1007, 20.1623



22.7282, 11.5806, 7.2189



2.2640, 1.1480, 0.9718

Inverse Universe

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



67.0840, 55.5092, 64.3061



62.6948, 48.7429, 56.6400



68.0689, 81.6727, 106.7845



18.2934, 18.1007, 20.1623



22.7282, 11.5806, 7.2189



2.2640, 1.1480, 0.9718

Previews

White Background



This preview shows how the XYZ color 67.0827, 55.5068, 64.3050 looks on a white background.

Color Contrast Check

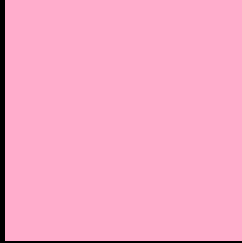
Large Text (above 18pt) WCAG AA × Fail

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 67.0827, 55.5068, 64.3050 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 67.0827, 55.5068, 64.3050

Background



This preview shows how black text looks on a background with the XYZ color 67.0827, 55.5068, 64.3050.



This preview shows how white text looks on a background with the XYZ color 67.0827, 55.5068,

64.3050.

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

67.0827, 55.5068, 64.3050

Protanopia

54.6430, 56.0111, 74.2609

Deuteranopia

56.9050, 55.7748, 63.0247



Tritanopia

65.2187, 55.6074, 55.4400

Trichromacy



Original Color

67.0827, 55.5068, 64.3050



Protanomaly

58.3124, 55.3695, 70.5648



Deuteranomaly

60.1143, 55.2033, 63.3640



Tritanomaly

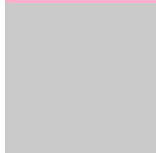
65.9406, 55.6258, 58.3003

Monochromacy



Original Color

67.0827, 55.5068, 64.3050



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 67.0827, 55.5068, 64.3050 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 204) }
```

Border

The CSS property to change the border of an element to XYZ 67.0827, 55.5068, 64.3050 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, 204) }
```


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

```
.border{ border-color:rgb(255, 173, 204) }
```

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, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0827, 55.5068, 64.3050 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, 204) }
```

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

```
.background{ background-color: rgb(255,  
173, 204) }
```

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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