

Converting Colors

XYZ(67.2053, 55.7776, 64.2668)

Have a look what the booklet for
XYZ(67.2053, 55.7776, 64.2668)
contains.

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Color

**XYZ(67.2751, 55.8917,
64.3691)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAECC
RGB	255, 174, 204
RGB Percent	100%, 68%, 80%
CMY	0.0000, 0.3176, 0.2000
CMYK	0.00, 0.32, 0.20, 0.00
HSL	338°, 100%, 84%
HSV	338°, 32%, 100%
XYZ	67.2751, 55.8917, 64.3691
YIQ	201.6390, 38.6460, 26.5020

Conversions

Conversions Part 2

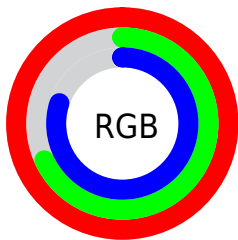
Format	Color
R _Y B	255, 174, 204
Decimal	16756428
CIE Lab	79.55, 33.73, -3.11
CIE LCh	80, 33.877, 354.732
Yxy	55.8917, 0.3587, 0.2980
Android (android.graphics.Color)	4294946508 (0xFFFFAECC)
YUV	201.6390, 1.1640, 46.7976
Hunter-Lab	74.7608, 29.7958, 1.2838

Details

The XYZ color **67.2751, 55.8917, 64.3691** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.8083, 85.9559, 84.3078**, and the grayscale version is **55.8915, 58.8022, 64.0356**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **35.3684, 27.7471, 32.3458** is the 20% darker color. If you saturate the color by 10%, you get **60.9806, 46.2274, 53.2544**, and if you desaturate by 10%, it is **74.7060, 67.5105, 76.8435**.

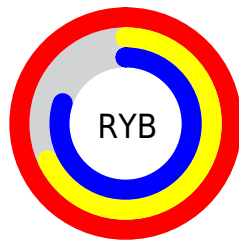
Distribution



Red (100%)

Green (68%)

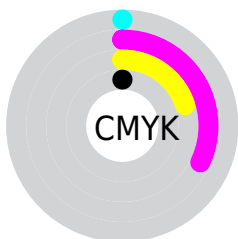
Blue (80%)



Red (100%)

Yellow (68%)

Blue (80%)

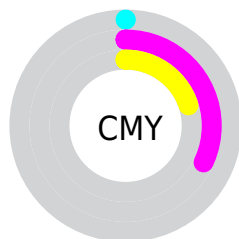


Cyan (0%)

Magenta (32%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2751, 55.8917, 64.3691 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 67.2751, 55.8917, 64.3691 by changing the saturation by 10% instead.


 67.2751, 55.8917,
64.3691

 67.2751, 55.8917,
64.3691


440.3405,
409.2832, 458.7653

 49.5797, 40.1161,
46.5016


 114.3621, 98.8462,
112.7469

 35.2960, 27.6291,
32.2903


144.4845,
126.7939, 144.0943

 24.0586, 18.0462,
21.3167

179.4800,
159.5678, 180.7720

 15.5020, 10.9832,
13.1622

219.7138,
197.5522, 223.1987

 9.2611, 6.0555,
7.4083

265.5514,
241.1315, 271.7928

 4.9703, 2.8789,
3.6364

317.3582,

 2.2644, 1.0688,

290.6902, 326.9729

1.4281

375.4994,
346.6127, 389.1576

■ 0.7764, 0.0000,
0.1635

■ 0.0000, 0.0000,
0.0000

■ 67.2751, 55.8917,
64.3691

■ 67.2751, 55.8917,
64.3691

■ 60.9806, 46.2274,
53.2544

■ 74.7060, 67.5105,
76.8435

■ 55.7594, 38.4017,
43.4469

■ 83.3238, 81.1765,
90.7207

■ 51.5481, 32.2978,
34.8951

■ 93.1808, 96.9853,
106.0460

■ 48.2748, 27.7824,
27.5423

95.0500, 100.0000,
108.9000

■ 45.8572, 24.7019,
21.3267

■ 44.1971, 22.8721,
16.1786

■ 43.2800, 22.0760,
12.6724

Harmonies

Analogous

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



64.5610, 55.8917, 85.2094



67.2751, 55.8917, 64.3691



65.9414, 55.8917, 46.4624

Triad

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



67.2751, 55.8917, 64.3691



47.8256, 55.8917, 32.7299



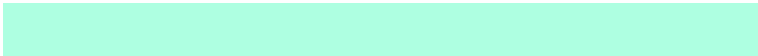
45.9081, 55.8917, 96.9426

Complementary

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



67.2751, 55.8917, 64.3691



66.8083, 85.9559, 84.3078

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.



42.0844, 55.8917, 77.9533



67.2751, 55.8917, 64.3691



43.1233, 55.8917, 41.6513

Square

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



67.2751, 55.8917, 64.3691



54.3361, 55.8917, 30.6051



41.1100, 55.8917, 57.4742



51.9288, 55.8917, 106.4179

Rectangle

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



67.2751, 55.8917, 64.3691



62.9907, 55.8917, 38.0740



41.1100, 55.8917, 57.4742



44.3444, 55.8917, 91.2869

Sweetspot

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



67.2765, 55.8942, 64.3702



84.9695, 83.8044, 93.3151



63.9130, 53.3342, 101.5337



17.9054, 17.4879, 19.5296



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.



67.2765, 55.8942, 64.3702



63.2199, 49.6422, 57.2803



65.9082, 58.3714, 47.8406



18.2875, 18.0983, 20.1312



22.6806, 11.5615, 6.9683



2.2590, 1.1460, 0.9451

Inverse Universe

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



67.2765, 55.8942, 64.3702



63.2199, 49.6422, 57.2803



68.3262, 81.8579, 106.8067



18.2875, 18.0983, 20.1312



22.6806, 11.5615, 6.9683



2.2590, 1.1460, 0.9451

Previews

White Background



This preview shows how the XYZ color 67.2751, 55.8917, 64.3691 looks on a white background.

Color Contrast Check

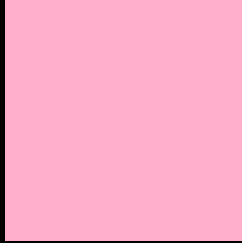
Large Text (above 18pt) WCAG AA × Fail

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 67.2751, 55.8917, 64.3691 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 67.2751, 55.8917, 64.3691

Background



This preview shows how black text looks on a background with the XYZ color 67.2751, 55.8917, 64.3691.



This preview shows how white text looks on a background with the XYZ color 67.2751, 55.8917,

64.3691.

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

67.2751, 55.8917, 64.3691

Protanopia

54.7700, 56.0917, 73.5857

Deuteranopia

57.1977, 55.9257, 63.0384



Tritanopia

65.3276, 55.6510, 56.0138

Trichromacy



Original Color

67.2751, 55.8917, 64.3691



Protanomaly

58.4822, 55.4716, 69.9121



Deuteranomaly

60.6428, 55.7852, 63.4485



Tritanomaly

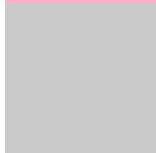
66.0533, 55.6709, 58.8939

Monochromacy



Original Color

67.2751, 55.8917, 64.3691



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 67.2751, 55.8917, 64.3691 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 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, 174, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 204) }
```

Border

The CSS property to change the border of an element to XYZ 67.2751, 55.8917, 64.3691 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, 204) }
```


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

```
.border{ border-color:rgb(255, 174, 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, 174, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 174, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 174, 204); box-shadow:4px 4px 4px 4px rgb(255, 174, 204) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2751, 55.8917, 64.3691 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, 204) }
```

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

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