

Converting Colors

XYZ(67.3699, 55.6803, 71.2629)

Have a look what the booklet for
XYZ(67.3699, 55.6803, 71.2629)
contains.

XYZ(67.5467, 55.8738, 71.5146)	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(67.5467, 55.8738,
71.5146)**

Conversions

Conversions Part 1

Format	Color
Hex	FCAED7
RGB	252, 174, 215
RGB Percent	99%, 68%, 84%
CMY	0.0118, 0.3176, 0.1569
CMYK	0.00, 0.31, 0.15, 0.01
HSL	328°, 93%, 84%
HSV	328°, 31%, 99%
XYZ	67.5467, 55.8738, 71.5146
YIQ	201.9960, 33.3270, 29.2870

Conversions

Conversions Part 2

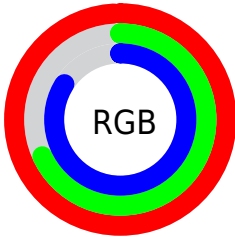
Format	Color
R_{YB}	252, 174, 215
Decimal	16559831
CIE _{Lab}	79.54, 34.38, -9.12
CIE _{LCh}	80, 35.567, 345.138
Yxy	55.8738, 0.3465, 0.2866
Android (android.graphics.Color)	4294749911 (0xFFFC _{AED7})
YUV	201.9960, 6.4110, 43.8535
Hunter-Lab	74.7488, 30.4911, -4.4005

Details

The XYZ color **67.5467, 55.8738, 71.5146** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.0262, 83.3243, 74.3405**, and the grayscale version is **56.0846, 59.0054, 64.2569**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **35.4307, 27.6821, 36.7335** is the 20% darker color. If you saturate the color by 10%, you get **61.6470, 46.4431, 62.2442**, and if you desaturate by 10%, it is **74.4751, 67.1809, 81.6830**.

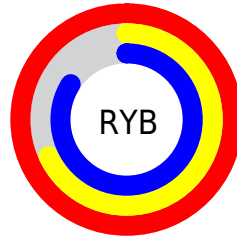
Distribution



Red (99%)

Green (68%)

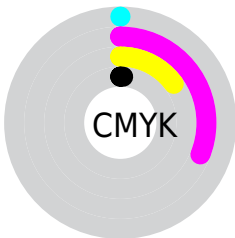
Blue (84%)



Red (99%)

Yellow (68%)

Blue (84%)

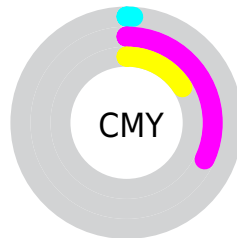


Cyan (0%)

Magenta (31%)

Yellow (15%)

Black (1%)



Cyan (1%)


Magenta (32%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.5467, 55.8738, 71.5146 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 67.5467, 55.8738, 71.5146 by changing the saturation by 10% instead.


 67.5467, 55.8738,
71.5146

 67.5467, 55.8738,
71.5146


441.2902,
409.2157, 484.7824

 49.8014, 40.1018,
52.2778


 114.7489, 98.8200,
123.0675

 35.4728, 27.6179,
36.8428


144.9365,
126.7630, 156.2206

 24.1955, 18.0378,
24.7910


180.0022,
159.5318, 194.8497

 15.6042, 10.9771,
15.7038

220.3114,
197.5106, 239.3732

 9.3336, 6.0515,
9.1627

266.2295,
241.0841, 290.2097

 5.0183, 2.8764,
4.7492


318.1217,

 2.2928, 1.0675,


290.6365, 347.7777


2.0447


376.3535,
346.5522, 412.4957


 0.7910, 0.0000,
0.5826

 0.0000, 0.0000,
0.0000


 67.5467, 55.8738,
71.5146


 67.5467, 55.8738,
71.5146


 61.6470, 46.4431,
62.2442


 74.4751, 67.1809,
81.6830


 56.7177, 38.7779,
53.8388

 82.4769, 80.4522,
92.7737

 52.7016, 32.7673,
46.2677

 91.5999, 95.7789,
104.8145

 49.5333, 28.2846,
39.4966

 93.9553, 99.4356,
108.8488

■ 47.1380, 25.1842,
33.4874

■ 45.4265, 23.2922,
28.1969

■ 44.3413, 22.3741,
23.9749

Harmonies

Analogous

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



63.4685, 55.8738, 93.0831



67.5467, 55.8738, 71.5146



67.5266, 55.8738, 51.1156

Triad

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



67.5467, 55.8738, 71.5146



49.5936, 55.8738, 30.1754



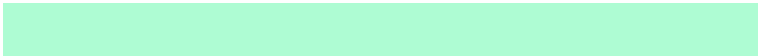
43.9796, 55.8738, 93.2613

Complementary

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



67.5467, 55.8738, 71.5146



64.0262, 83.3243, 74.3405

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.



40.9008, 55.8738, 71.7190



67.5467, 55.8738, 71.5146



43.9383, 55.8738, 37.0584

Square

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



67.5467, 55.8738, 71.5146



56.7144, 55.8738, 30.1446



40.8864, 55.8738, 51.2790



49.6547, 55.8738, 107.4267

Rectangle

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



67.5467, 55.8738, 71.5146



65.1719, 55.8738, 40.8585



40.8864, 55.8738, 51.2790



42.6302, 55.8738, 86.4525

Sweetspot

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



67.5483, 55.8764, 71.5157



86.4570, 85.5399, 97.6319



59.4014, 51.0637, 98.8218



18.2271, 17.8438, 20.5234



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.



67.5483, 55.8764, 71.5157



65.5868, 51.2928, 67.5743



63.1790, 54.1286, 48.5072



17.6258, 17.3777, 19.8851



23.1728, 11.6848, 12.8844



2.1998, 1.1037, 1.4755

Inverse Universe

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



67.5483, 55.8764, 71.5157



65.5868, 51.2928, 67.5743



69.4291, 85.4854, 102.7920



17.6258, 17.3777, 19.8851



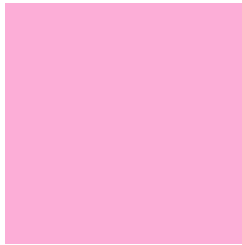
23.1728, 11.6848, 12.8844



2.1998, 1.1037, 1.4755

Previews

White Background



This preview shows how the XYZ color 67.5467, 55.8738, 71.5146 looks on a white background.

Color Contrast Check

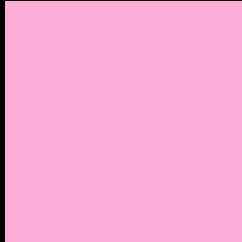
Large Text (above 18pt) WCAG AA × Fail

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 67.5467, 55.8738, 71.5146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

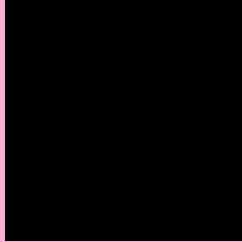
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5467, 55.8738, 71.5146

Background



This preview shows how black text looks on a background with the XYZ color 67.5467, 55.8738, 71.5146.



This preview shows how white text looks on a background with the XYZ color 67.5467, 55.8738,

71.5146.

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

67.5467, 55.8738, 71.5146

Protanopia

55.3686, 56.2134, 82.0608

Deuteranopia

57.3116, 56.1544, 70.1056



Tritanopia

64.5017, 55.7863, 57.2374

Trichromacy



Original Color

67.5467, 55.8738, 71.5146



Protanomaly

58.8783, 55.4944, 78.1293



Deuteranomaly

60.4105, 55.5096, 70.4812



Tritanomaly

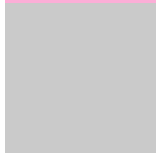
65.5718, 55.9384, 61.9848

Monochromacy



Original Color

67.5467, 55.8738, 71.5146



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

59.6273, 57.4199, 66.9719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5467, 55.8738, 71.5146 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(252, 174, 215)` looks like.

```
.text, #text, p{  
    color:rgb(252, 174, 215)  
}
```

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(252, 174, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 174, 215) }
```

Border

The CSS property to change the border of an element to XYZ 67.5467, 55.8738, 71.5146 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(252, 174, 215) }
```


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

```
.border{ border-color:rgb(252, 174, 215) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(252, 174, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 174, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 174, 215);  
box-shadow:4px 4px 4px 4px rgb(252, 174,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5467, 55.8738, 71.5146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 174, 215) }
```

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

```
.background{ background-color: rgb(252,  
174, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor