

Converting Colors

XYZ(82.6679, 72.0653, 68.4260)

Have a look what the booklet for
XYZ(82.6679, 72.0653, 68.4260)
contains.

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Color

**XYZ(73.1568, 67.0735,
68.1222)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8CF
RGB	255, 200, 207
RGB Percent	100%, 78%, 81%
CMY	0.0000, 0.2157, 0.1882
CMYK	0.00, 0.22, 0.19, 0.00
HSL	352°, 100%, 89%
HSV	352°, 22%, 100%
XYZ	73.1568, 67.0735, 68.1222
YIQ	217.2430, 30.5330, 13.8370

Conversions

Conversions Part 2

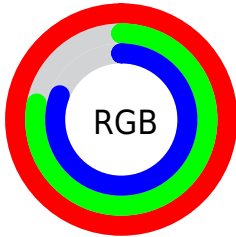
Format	Color
R _Y B	255, 200, 207
Decimal	16763087
CIE Lab	85.54, 20.54, 4.01
CIE LCh	86, 20.933, 11.056
Yxy	67.0735, 0.3511, 0.3219
Android (android.graphics.Color)	4294953167 (0xFFFFC8CF)
YUV	217.2430, -5.0498, 33.1129
Hunter-Lab	81.8984, 16.1252, 8.0121

Details

The XYZ color **73.1568, 67.0735, 68.1222** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.5250, 90.5778, 102.2606**, and the grayscale version is **66.1402, 69.5846, 75.7777**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3174, 34.8634, 34.7941** is the 20% darker color. If you saturate the color by 10%, you get **65.2041, 55.2200, 52.9799**, and if you desaturate by 10%, it is **82.4811, 81.0560, 85.6157**.

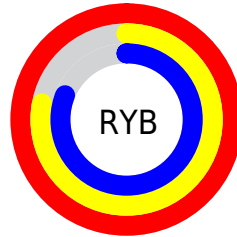
Distribution



Red (100%)

Green (78%)

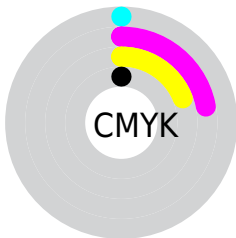
Blue (81%)



Red (100%)

Yellow (78%)

Blue (81%)

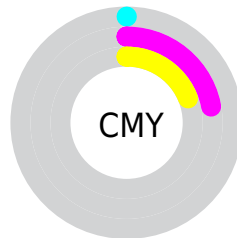


Cyan (0%)

Magenta (22%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1568, 67.0735, 68.1222 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 73.1568, 67.0735, 68.1222 by changing the saturation by 10% instead.


 73.1568, 67.0735,
68.1222

 73.1568, 67.0735,
68.1222

460.6535,
450.2064, 472.5387

 54.3930, 49.1444,
49.5298


122.7017,
115.0257, 118.1828

 39.1479, 34.7340,
34.6714


154.2136,
145.8176, 150.4881

 27.0560, 23.4581,
23.1283


190.7055,
181.6658, 188.2016

 17.7521, 14.9321,
14.4821

232.5428,
222.9548, 231.7416

 10.8708, 8.7717,
8.3142

280.0909,
270.0690, 281.5268

 6.0467, 4.5926,
4.2060

333.7152,

 2.9144, 2.0103,

323.3927, 337.9757

1.7390

393.7809,
383.3104, 401.5068

■ 1.1087, 0.6134,
0.3873

■ 0.0323, 0.0000,
0.0000

■ 73.1568, 67.0735,
68.1222

■ 73.1568, 67.0735,
68.1222

■ 65.2041, 55.2200,
52.9799

■ 82.4811, 81.0560,
85.6157

■ 58.5535, 45.3828,
40.0843

■ 93.2328, 97.2556,
105.5505

■ 53.1367, 37.4521,
29.3293

95.0500, 100.0000,
108.9000

■ 48.8768, 31.3039,
20.5983

■ 45.6887, 26.7998,
13.7637

■ 43.4748, 23.7807,
8.6830

■ 42.1197, 22.0560,
5.1933

■ 41.5067, 21.3667,
3.3344

Harmonies

Analogous

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



72.8004, 67.0735, 81.8707



73.1568, 67.0735, 68.1222



70.9007, 67.0735, 57.1414

Triad

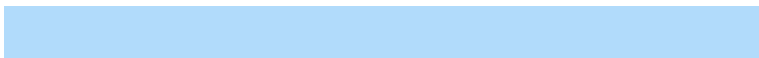
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1568, 67.0735, 68.1222



57.9302, 67.0735, 55.0049



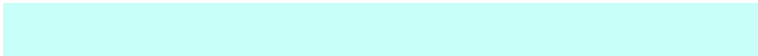
60.8276, 67.0735, 100.7175

Complementary

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



73.1568, 67.0735, 68.1222



76.5250, 90.5778, 102.2606

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.



57.0995, 67.0735, 91.6243



73.1568, 67.0735, 68.1222



55.4851, 67.0735, 64.8528

Square

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



73.1568, 67.0735, 68.1222



62.0132, 67.0735, 50.2200



55.1887, 67.0735, 78.1715



65.5216, 67.0735, 101.8776

Rectangle

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



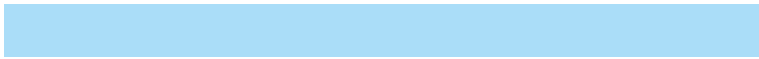
73.1568, 67.0735, 68.1222



68.2814, 67.0735, 52.4219



55.1887, 67.0735, 78.1715



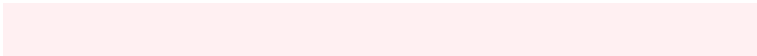
59.4262, 67.0735, 98.4388

Sweetspot

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



73.1583, 67.0764, 68.1236



88.2858, 89.7932, 96.4047



77.2993, 68.4271, 103.7414



18.7460, 18.9923, 20.3551



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

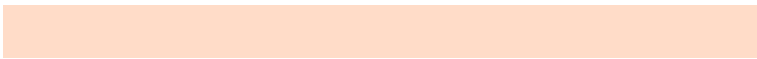
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.1583, 67.0764, 68.1236



69.4665, 61.5636, 61.1253



77.3040, 76.7063, 65.3787



18.1034, 18.0247, 19.1616



21.7171, 11.1761, 1.8947



2.1426, 1.0994, 0.3321

Inverse Universe

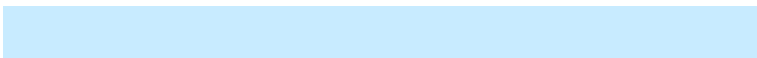
The Inverse Universe completely reimagines the original color for something new.



73.1583, 67.0764, 68.1236



69.4665, 61.5636, 61.1253



71.5323, 78.8227, 106.0519



18.1034, 18.0247, 19.1616



21.7171, 11.1761, 1.8947



2.1426, 1.0994, 0.3321

Previews

White Background



This preview shows how the XYZ color 73.1568, 67.0735, 68.1222 looks on a white background.

Color Contrast Check

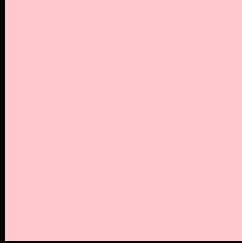
Large Text (above 18pt) WCAG AA × Fail

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 73.1568, 67.0735, 68.1222 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 73.1568, 67.0735, 68.1222

Background



This preview shows how black text looks on a background with the XYZ color 73.1568, 67.0735, 68.1222.



This preview shows how white text looks on a background with the XYZ color 73.1568, 67.0735,

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

73.1568, 67.0735, 68.1222

Protanopia

64.8453, 67.3490, 73.2003

Deuteranopia

68.7133, 67.2590, 67.7532



Tritanopia

73.8010, 66.9619, 72.6535

Trichromacy



Original Color

73.1568, 67.0735, 68.1222

Protanomaly

67.2687, 66.8038, 70.9770

Deuteranomaly

70.0417, 66.8751, 67.6091

Tritanomaly

73.4213, 66.8100, 70.6539

Monochromacy



Original Color

73.1568, 67.0735, 68.1222

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.2595, 68.3816, 72.5521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1568, 67.0735, 68.1222 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, 200, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 207)  
}
```

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, 200, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 207) }
```

Border

The CSS property to change the border of an element to XYZ 73.1568, 67.0735, 68.1222 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, 200, 207) }
```


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

```
.border{ border-color:rgb(255, 200, 207) }
```

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

Here you see how a box with a 4 pixel rgb(255, 200, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1568, 67.0735, 68.1222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 207) }
```

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

```
.background{ background-color: rgb(255,  
200, 207) }
```

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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