

Converting Colors

XYZ(89.9200, 77.0733, 68.4623)

Have a look what the booklet for
XYZ(89.9200, 77.0733, 68.4623)
contains.

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Color

**XYZ(73.9734, 68.9020,
67.7931)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCCE
RGB	255, 204, 206
RGB Percent	100%, 80%, 81%
CMY	0.0000, 0.2000, 0.1922
CMYK	0.00, 0.20, 0.19, 0.00
HSL	358°, 100%, 90%
HSV	358°, 20%, 100%
XYZ	73.9734, 68.9020, 67.7931
YIQ	219.4770, 29.7540, 11.4340

Conversions

Conversions Part 2

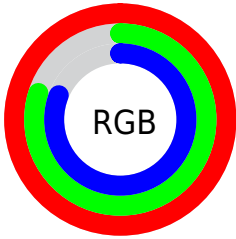
Format	Color
R _Y B	255, 204, 206
Decimal	16764110
CIE Lab	86.46, 18.30, 5.87
CIE LCh	86, 19.219, 17.774
Yxy	68.9020, 0.3511, 0.3271
Android (android.graphics.Color)	4294954190 (0xFFFFCCCE)
YUV	219.4770, -6.6442, 31.1537
Hunter-Lab	83.0072, 13.8109, 9.6821

Details

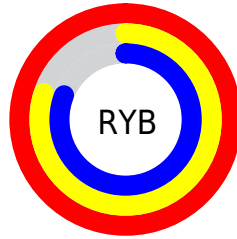
The XYZ color **73.9734, 68.9020, 67.7931** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.3940, 91.4504, 106.4525**, and the grayscale version is **67.6950, 71.2204, 77.5590**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8625, 36.0855, 34.5700** is the 20% darker color. If you saturate the color by 10%, you get **65.6531, 56.6594, 51.4611**, and if you desaturate by 10%, it is **83.7534, 83.3208, 86.9026**.

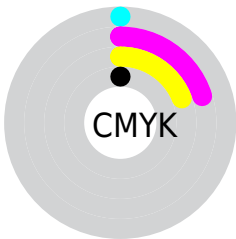
Distribution



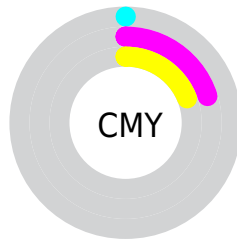
- Red (100%)
- Green (80%)
- Blue (81%)



- Red (100%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9734, 68.9020, 67.7931 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 73.9734, 68.9020, 67.7931 by changing the saturation by 10% instead.


 73.9734, 68.9020,
67.7931

 73.9734, 68.9020,
67.7931

463.4333,
456.6853, 471.3407

 55.0635, 50.6319,
49.2638


123.8538,
117.6416, 117.7075

 39.6866, 35.9157,
34.4617


155.5550,
148.8799, 149.9297

 27.4774, 24.3691,
22.9683


192.2506,
185.2097, 187.5533

 18.0705, 15.6077,
14.3650

234.3061,
227.0154, 230.9968

 11.1006, 9.2470,
8.2333

282.0868,
274.6814, 280.6787

 6.2023, 4.9026,
4.1547

335.9579,

 3.0103, 2.1902,

328.5921, 337.0177

1.7106

396.2850,
389.1320, 400.4322

■ 1.1592, 0.7147,
0.3680

■ 0.0738, 0.0000,
0.0000

■ 73.9734, 68.9020,
67.7931

■ 73.9734, 68.9020,
67.7931

■ 65.6531, 56.6594,
51.4611

■ 83.7534, 83.3208,
86.9026

■ 58.7178, 46.4788,
37.7734

95.0500, 100.0000,
108.9000

■ 53.0937, 38.2494,
26.5921

■ 48.6983, 31.8465,
17.7655

■ 45.4398, 27.1311,
11.1250

■ 43.2132, 23.9438,
6.4800

■ 41.8943, 22.0954,
3.6071

■ 41.2948, 21.2820,
2.2180

■ 41.2947, 21.2819,
2.2178

Harmonies

Analogous

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



74.2060, 68.9020, 80.3285



73.9734, 68.9020, 67.7931



71.4052, 68.9020, 58.3116

Triad

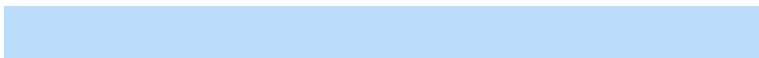
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9734, 68.9020, 67.7931



59.3597, 68.9020, 59.7399



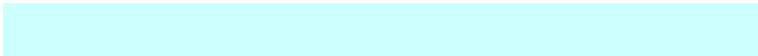
63.6953, 68.9020, 101.5890

Complementary

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



73.9734, 68.9020, 67.7931



78.3940, 91.4504, 106.4525

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.



59.9095, 68.9020, 94.6553



73.9734, 68.9020, 67.7931



57.4834, 68.9020, 69.9556

Square

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



73.9734, 68.9020, 67.7931



62.9138, 68.9020, 54.0368



57.6800, 68.9020, 82.7485



68.1342, 68.9020, 100.8401

Rectangle

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



73.9734, 68.9020, 67.7931



68.7770, 68.9020, 54.5613



57.6800, 68.9020, 82.7485



62.3080, 68.9020, 100.0497

Sweetspot

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



73.9751, 68.9051, 67.7945



88.0844, 89.7127, 95.3446



79.9525, 71.1884, 104.1345



18.6986, 18.9733, 20.1056



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

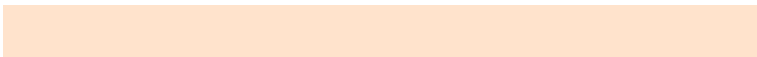
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9751, 68.9051, 67.7945



70.4733, 63.7490, 60.9311



79.5962, 80.5327, 68.4799



18.0382, 17.9986, 18.8182



21.5898, 11.1252, 1.2243



2.1118, 1.0871, 0.1701

Inverse Universe

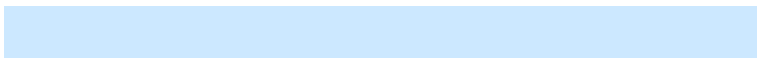
The Inverse Universe completely reimagines the original color for something new.



73.9751, 68.9051, 67.7945



70.4733, 63.7490, 60.9311



71.8251, 77.8013, 105.8393



18.0382, 17.9986, 18.8182



21.5898, 11.1252, 1.2243



2.1118, 1.0871, 0.1701

Previews

White Background



This preview shows how the XYZ color 73.9734, 68.9020, 67.7931 looks on a white background.

Color Contrast Check

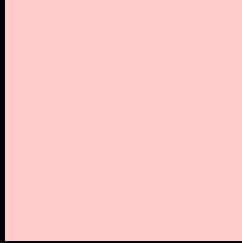
Large Text (above 18pt) WCAG AA × Fail

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 73.9734, 68.9020, 67.7931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

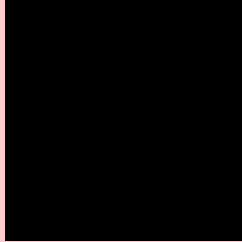
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.9734, 68.9020, 67.7931

Background



This preview shows how black text looks on a background with the XYZ color 73.9734, 68.9020, 67.7931.



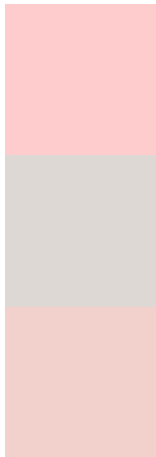
This preview shows how white text looks on a background with the XYZ color 73.9734, 68.9020,

67.7931.

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

73.9734, 68.9020, 67.7931

Protanopia

66.2583, 69.2374, 72.1593

Deuteranopia

70.4379, 68.8860, 67.3415



Tritanopia

75.2508, 69.0338, 75.6884

Trichromacy



Original Color

73.9734, 68.9020, 67.7931

Protanomaly

68.7806, 69.0637, 70.6783

Deuteranomaly

71.6900, 68.8076, 67.2603

Tritanomaly

74.7335, 68.8269, 72.9644

Monochromacy



Original Color

73.9734, 68.9020, 67.7931

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.4629, 70.1040, 73.4887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9734, 68.9020, 67.7931 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, 204, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 206)  
}
```

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, 204, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 206) }
```

Border

The CSS property to change the border of an element to XYZ 73.9734, 68.9020, 67.7931 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, 204, 206) }
```


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

```
.border{ border-color:rgb(255, 204, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9734, 68.9020, 67.7931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 206) }
```

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

```
.background{ background-color: rgb(255,  
204, 206) }
```

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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