

Converting Colors

XYZ(74.2122, 69.5182, 67.8809)

Have a look what the booklet for
XYZ(74.2122, 69.5182, 67.8809)
contains.

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Color

**XYZ(74.2119, 69.3789,
67.8726)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDCE
RGB	255, 205, 206
RGB Percent	100%, 80%, 81%
CMY	0.0000, 0.1961, 0.1922
CMYK	0.00, 0.20, 0.19, 0.00
HSL	359°, 100%, 90%
HSV	359°, 20%, 100%
XYZ	74.2119, 69.3789, 67.8726
YIQ	220.0640, 29.4790, 10.9110

Conversions

Conversions Part 2

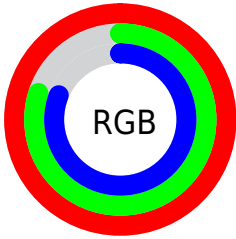
Format	Color
R _Y B	255, 205, 206
Decimal	16764366
CIE Lab	86.69, 17.78, 6.21
CIE LCh	87, 18.831, 19.244
Yxy	69.3789, 0.3509, 0.3281
Android (android.graphics.Color)	4294954446 (0xFFFFCDCE)
YUV	220.0640, -6.9336, 30.6389
Hunter-Lab	83.2940, 13.2725, 9.9930

Details

The XYZ color **74.2119, 69.3789, 67.8726** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.8287, 91.6561, 107.3066**, and the grayscale version is **68.1061, 71.6529, 78.0301**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0228, 36.4060, 34.6234** is the 20% darker color. If you saturate the color by 10%, you get **65.8032, 57.0401, 51.2626**, and if you desaturate by 10%, it is **84.1008, 83.9050, 87.3594**.

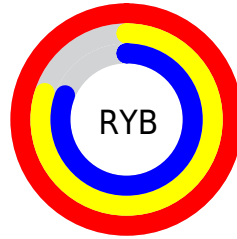
Distribution



Red (100%)

Green (80%)

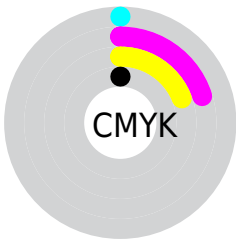
Blue (81%)



Red (100%)

Yellow (80%)

Blue (81%)

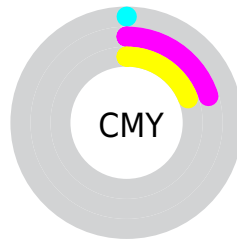


Cyan (0%)

Magenta (20%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2119, 69.3789, 67.8726 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 74.2119, 69.3789, 67.8726 by changing the saturation by 10% instead.


 74.2119, 69.3789,
67.8726

 74.2119, 69.3789,
67.8726

464.2434,
458.3662, 471.6303

 55.2594, 51.0203,
49.3281


124.1900,
118.3226, 117.8224

 39.8441, 36.2248,
34.5123


155.9464,
149.6765, 150.0647

 27.6007, 24.6079,
23.0069


192.7013,
186.1310, 187.7099

 18.1638, 15.7851,
14.3933

234.8203,
228.0705, 231.1768

 11.1680, 9.3722,
8.2528

282.6687,
275.8794, 280.8837

 6.2481, 4.9848,
4.1671

336.6117,

 3.0386, 2.2383,

329.9420, 337.2492

1.7174

397.0149,
390.6428, 400.6919

■ 1.1742, 0.7408,
0.3726

■ 0.0859, 0.0000,
0.0000

■ 74.2119, 69.3789,
67.8726

■ 74.2119, 69.3789,
67.8726

■ 65.8032, 57.0401,
51.2626

■ 84.1008, 83.9050,
87.3594

■ 58.7988, 46.7741,
37.3892

95.0500, 100.0000,
108.9000

■ 53.1238, 38.4701,
26.1069

■ 48.6941, 32.0030,
17.2551

■ 45.4161, 27.2336,
10.6553

■ 43.1832, 24.0025,
6.1044

■ 41.8688, 22.1206,
3.3631

■ 41.2841, 21.2951,
2.1085

■ 41.2678, 21.2711,
2.0764

Harmonies

Analogous

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



74.5613, 69.3789, 80.1298



74.2119, 69.3789, 67.8726



71.5909, 69.3789, 58.7150

Triad

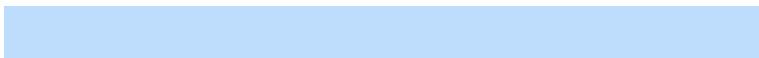
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2119, 69.3789, 67.8726



59.7705, 69.3789, 60.8736



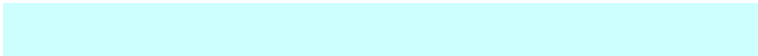
64.3844, 69.3789, 101.7822

Complementary

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



74.2119, 69.3789, 67.8726



78.8287, 91.6561, 107.3066

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.



60.5994, 69.3789, 95.3107



74.2119, 69.3789, 67.8726



58.0150, 69.3789, 71.1324

Square

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



74.2119, 69.3789, 67.8726



63.2073, 69.3789, 54.9939



58.3115, 69.3789, 83.7681



68.7556, 69.3789, 100.6599

Rectangle

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



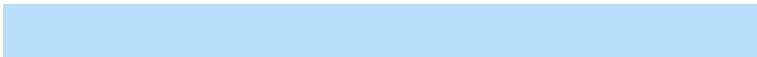
74.2119, 69.3789, 67.8726



68.9703, 69.3789, 55.1701



58.3115, 69.3789, 83.7681



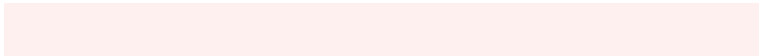
63.0048, 69.3789, 100.3969

Sweetspot

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



74.2136, 69.3819, 67.8740



88.0407, 89.6952, 95.1143



80.5124, 71.8309, 104.2290



18.6883, 18.9692, 20.0514



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

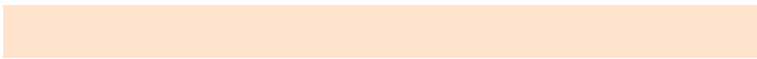
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2136, 69.3819, 67.8740



70.3397, 63.6956, 60.2278



80.0963, 81.3403, 69.2403



18.0241, 17.9929, 18.7438



21.5696, 11.1172, 1.1183



2.1051, 1.0844, 0.1348

Inverse Universe

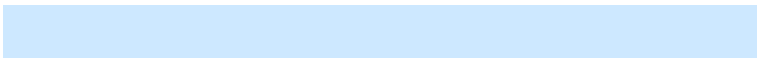
The Inverse Universe completely reimagines the original color for something new.



74.2136, 69.3819, 67.8740



70.3397, 63.6956, 60.2278



71.9923, 77.7274, 105.8162



18.0241, 17.9929, 18.7438



21.5696, 11.1172, 1.1183



2.1051, 1.0844, 0.1348

Previews

White Background



This preview shows how the XYZ color 74.2119, 69.3789, 67.8726 looks on a white background.

Color Contrast Check

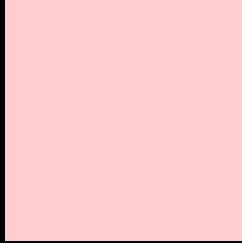
Large Text (above 18pt) WCAG AA × Fail

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 74.2119, 69.3789, 67.8726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

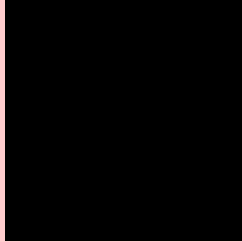
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2119, 69.3789, 67.8726

Background



This preview shows how black text looks on a background with the XYZ color 74.2119, 69.3789, 67.8726.



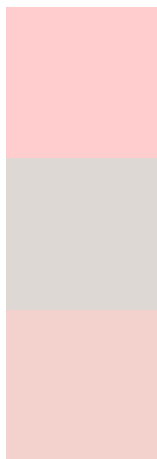
This preview shows how white text looks on a background with the XYZ color 74.2119, 69.3789,

67.8726.

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

74.2119, 69.3789, 67.8726

Protanopia

66.5637, 69.3948, 72.1736

Deuteranopia

71.0282, 69.5557, 67.4396



Tritanopia

75.6190, 69.5602, 76.4587

Trichromacy



Original Color

74.2119, 69.3789, 67.8726

Protanomaly

69.1080, 69.2325, 70.6936

Deuteranomaly

71.9331, 69.2937, 67.3413

Tritanomaly

74.9705, 69.3008, 73.0433

Monochromacy



Original Color

74.2119, 69.3789, 67.8726

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.1705, 70.8308, 74.2633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2119, 69.3789, 67.8726 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, 205, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 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, 205, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 206) }
```

Border

The CSS property to change the border of an element to XYZ 74.2119, 69.3789, 67.8726 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, 205, 206) }
```


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

```
.border{ border-color:rgb(255, 205, 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, 205, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2119, 69.3789, 67.8726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 206) }
```

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

```
.background{ background-color: rgb(255,  
205, 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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