

Converting Colors

XYZ(71.7249, 69.6266, 68.3729)

Have a look what the booklet for
XYZ(71.7249, 69.6266, 68.3729)
contains.

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Color

**XYZ(71.7191, 69.5184,
68.6699)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D1CF
RGB	245, 209, 207
RGB Percent	96%, 82%, 81%
CMY	0.0392, 0.1804, 0.1882
CMYK	0.00, 0.15, 0.16, 0.04
HSL	3°, 66%, 89%
HSV	3°, 16%, 96%
XYZ	71.7191, 69.5184, 68.6699
YIQ	219.5360, 22.0980, 7.0100

Conversions

Conversions Part 2

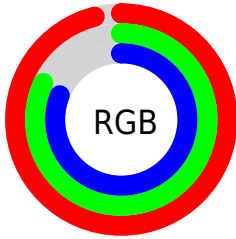
Format	Color
R _Y B	245, 209, 207
Decimal	16110031
CIE Lab	86.76, 12.27, 5.66
CIE LCh	87, 13.511, 24.762
Yxy	69.5184, 0.3417, 0.3312
Android (android.graphics.Color)	4294300111 (0xFFFF5D1CF)
YUV	219.5360, -6.1802, 22.3319
Hunter-Lab	83.3777, 7.6296, 9.5331

Details

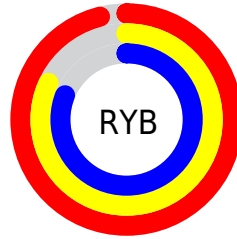
The XYZ color **71.7191, 69.5184, 68.6699** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.2636, 83.9572, 98.6780**, and the grayscale version is **67.7367, 71.2643, 77.6068**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2102, 36.4340, 35.1556** is the 20% darker color. If you saturate the color by 10%, you get **63.6683, 57.8436, 52.3374**, and if you desaturate by 10%, it is **81.0680, 83.0441, 87.7297**.

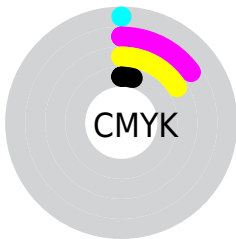
Distribution



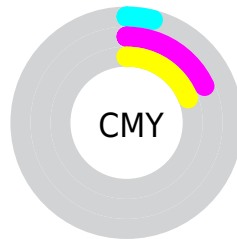
- Red (96%)
- Green (82%)
- Blue (81%)



- Red (96%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (15%)
- Yellow (16%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7191, 69.5184, 68.6699 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 71.7191, 69.5184, 68.6699 by changing the saturation by 10% instead.

 71.7191, 69.5184,
68.6699

 71.7191, 69.5184,
68.6699


455.7361,
458.8572, 474.5282

 53.2139, 51.1340,
49.9728


120.6700,
118.5217, 118.9732

 38.2017, 36.3153,
35.0208


151.8465,
149.9094, 151.4166

 26.3172, 24.6778,
23.3952


187.9774,
186.4003, 189.2791

 17.1950, 15.8372,
14.6776

229.4281,
228.3789, 232.9793

 10.4698, 9.4090,
8.4493

276.5640,
276.2295, 282.9358

 5.7762, 5.0089,
4.2919

329.7504,

 2.7488, 2.2525,

330.3364, 339.5671

1.7868

389.3526,
391.0842, 403.2917

■ 1.0224, 0.7484,
0.4192

■ 0.0000, 0.0000,
0.0000

■ 71.7191, 69.5184,
68.6699

■ 71.7191, 69.5184,
68.6699

■ 63.6683, 57.8436,
52.3374

■ 81.0680, 83.0441,
87.7297

■ 56.8527, 47.9305,
38.6034

■ 91.4664, 98.1526,
108.7323

■ 51.2129, 39.6962,
27.3353

■ 46.6824, 33.0479,
18.3868

■ 43.1878, 27.8836,
11.5966

■ 40.6472, 24.0892,
6.7825

■ 38.9660, 21.5343,
3.7322

■ 38.0301, 20.0633,
2.1848

■ 37.7994, 19.6985,
1.8099

Harmonies

Analogous

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



72.2811, 69.5184, 77.2856



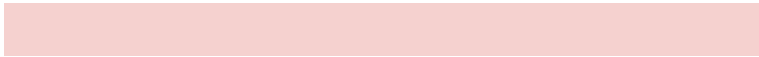
71.7191, 69.5184, 68.6699



69.6255, 69.5184, 62.4129

Triad

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



71.7191, 69.5184, 68.6699



61.2587, 69.5184, 66.1357



65.5247, 69.5184, 94.2805

Complementary

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



71.7191, 69.5184, 68.6699



74.2636, 83.9572, 98.6780

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.



62.6476, 69.5184, 90.7364



71.7191, 69.5184, 68.6699



60.2350, 69.5184, 74.1239

Square

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



71.7191, 69.5184, 68.6699



63.5748, 69.5184, 61.0331



60.7354, 69.5184, 83.1809



68.6402, 69.5184, 92.5320

Rectangle

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



71.7191, 69.5184, 68.6699



67.6771, 69.5184, 60.1852



60.7354, 69.5184, 83.1809



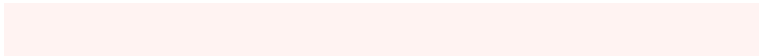
64.4987, 69.5184, 93.6608

Sweetspot

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



71.7210, 69.5215, 68.6714



89.3320, 91.7407, 97.2008



76.1625, 70.5161, 94.4706



18.9551, 19.3969, 20.4666



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

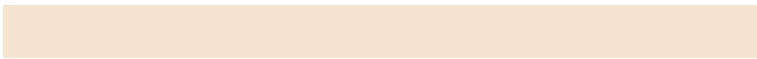
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7210, 69.5215, 68.6714



75.2739, 71.3958, 68.5569



76.6353, 79.3500, 70.3094



16.5692, 16.6226, 17.1328



20.3927, 10.6711, 0.9849



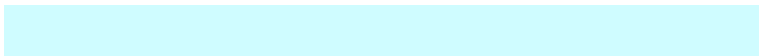
1.8165, 0.9863, 0.0946

Inverse Universe

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



74.2636, 83.9572, 98.6780



78.6067, 90.3209, 107.8984



68.8969, 73.2239, 96.8891



16.9174, 18.5992, 21.2409



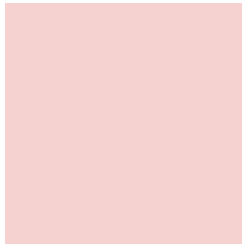
24.4692, 34.7321, 51.9523



2.1731, 3.0977, 4.5736

Previews

White Background



This preview shows how the XYZ color 71.7191, 69.5184, 68.6699 looks on a white background.

Color Contrast Check

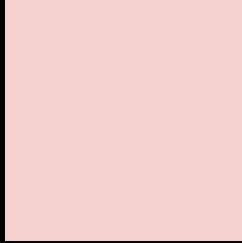
Large Text (above 18pt) WCAG AA × Fail

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 71.7191, 69.5184, 68.6699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

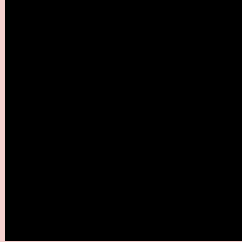
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7191, 69.5184, 68.6699

Background



This preview shows how black text looks on a background with the XYZ color 71.7191, 69.5184, 68.6699.

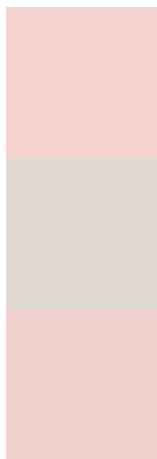


This preview shows how white text looks on a background with the XYZ color 71.7191, 69.5184,

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

71.7191, 69.5184, 68.6699

Protanopia

66.7452, 69.5029, 71.5256

Deuteranopia

70.9270, 69.4754, 68.7033



Tritanopia

73.9899, 69.7275, 79.3711

Trichromacy



Original Color

71.7191, 69.5184, 68.6699

Protanomaly

68.3821, 69.2306, 70.7315

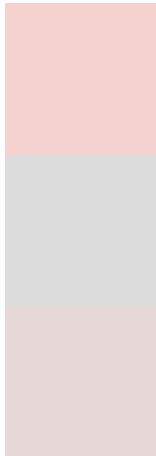
Deuteranomaly

71.2712, 69.6529, 68.7194

Tritanomaly

73.0863, 69.7143, 75.2498

Monochromacy



Original Color

71.7191, 69.5184, 68.6699

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.1347, 70.6760, 74.2880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7191, 69.5184, 68.6699 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(245, 209, 207)` looks like.

```
.text, #text, p{  
    color:rgb(245, 209, 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(245, 209, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 209, 207) }
```

Border

The CSS property to change the border of an element to XYZ 71.7191, 69.5184, 68.6699 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(245, 209, 207) }
```


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

```
.border{ border-color:rgb(245, 209, 207) }
```

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

Here you see how a box with a 4 pixel rgb(245, 209, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 209, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 209, 207);  
box-shadow:4px 4px 4px 4px rgb(245, 209,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7191, 69.5184, 68.6699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 209, 207) }
```

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

```
.background{ background-color: rgb(245,  
209, 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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