

Converting Colors

XYZ(72.6571, 67.1609, 68.1654)

Have a look what the booklet for XYZ(72.6571, 67.1609, 68.1654) contains.

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Color

**XYZ(72.6571, 67.1609,
68.1654)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC9CF
RGB	253, 201, 207
RGB Percent	99%, 79%, 81%
CMY	0.0078, 0.2117, 0.1882
CMYK	0.00, 0.21, 0.18, 0.01
HSL	353°, 93%, 89%
HSV	353°, 21%, 99%
XYZ	72.6571, 67.1609, 68.1654
YIQ	217.2320, 29.0660, 12.8900

Conversions

Conversions Part 2

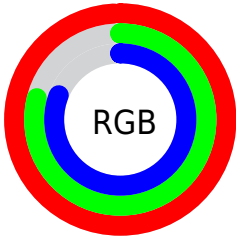
Format	Color
R _Y B	253, 201, 207
Decimal	16632271
CIE Lab	85.59, 19.31, 4.05
CIE LCh	86, 19.730, 11.858
Yxy	67.1609, 0.3493, 0.3229
Android (android.graphics.Color)	4294822351 (0xFFFDC9CF)
YUV	217.2320, -5.0444, 31.3685
Hunter-Lab	81.9518, 14.8396, 8.0503

Details

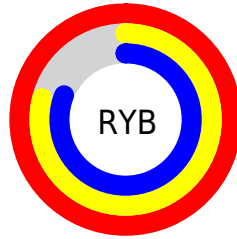
The XYZ color **72.6571, 67.1609, 68.1654** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.0038, 89.3850, 101.2472**, and the grayscale version is **66.1335, 69.5776, 75.7700**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9484, 34.9031, 34.8212** is the 20% darker color. If you saturate the color by 10%, you get **64.6927, 55.3050, 52.9534**, and if you desaturate by 10%, it is **81.9845, 81.1208, 85.7471**.

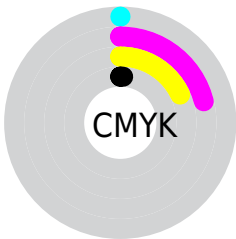
Distribution



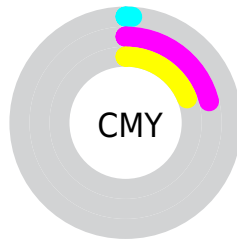
- Red (99%)
- Green (79%)
- Blue (81%)



- Red (99%)
- Yellow (79%)
- Blue (81%)



- Cyan (0%)
- Magenta (21%)
- Yellow (18%)
- Black (1%)





- Cyan (1%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.6571, 67.1609, 68.1654 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 72.6571, 67.1609, 68.1654 by changing the saturation by 10% instead.


 72.6571, 67.1609,
68.1654

 72.6571, 67.1609,
68.1654


458.9477,
450.5173, 472.6958

 53.9830, 49.2154,
49.5648


121.9961,
115.1509, 118.2452

 38.8187, 34.7904,
34.6989

153.3916,
145.9643, 150.5614

 26.7988, 23.5014,
23.1494


189.7584,
181.8356, 188.2866

 17.5580, 14.9642,
14.4975

231.4617,
223.1495, 231.8393

 10.7309, 8.7943,
8.3248

278.8670,
270.2902, 281.6380

 5.9521, 4.6072,
4.2127

332.3395,

 2.8564, 2.0187,

323.6421, 338.1013

1.7428

392.2446,
383.5897, 401.6477

■ 1.0783, 0.6183,
0.3898

■ 0.0068, 0.0000,
0.0000

■ 72.6571, 67.1609,
68.1654

■ 72.6571, 67.1609,
68.1654

■ 64.6927, 55.3050,
52.9534

■ 81.9845, 81.1208,
85.7471

■ 58.0221, 45.4423,
40.0056

■ 92.7289, 97.2700,
105.7896

■ 52.5781, 37.4659,
29.2147

■ 94.3182, 99.6228,
108.8658

■ 48.2854, 31.2553,
20.4629

■ 45.0605, 26.6759,
13.6214

■ 42.8080, 23.5738,
8.5461

■ 41.4156, 21.7652,
5.0724

■ 40.7321, 20.9723,
3.0749

Harmonies

Analogous

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



72.3905, 67.1609, 81.0948



72.6571, 67.1609, 68.1654



70.4794, 67.1609, 57.8449

Triad

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



72.6571, 67.1609, 68.1654



58.2479, 67.1609, 56.2218



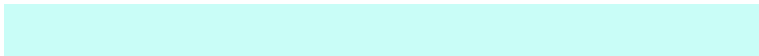
61.1851, 67.1609, 99.2145

Complementary

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



72.6571, 67.1609, 68.1654



76.0038, 89.3850, 101.2472

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.



57.6208, 67.1609, 90.8878



72.6571, 67.1609, 68.1654



55.9806, 67.1609, 65.6986

Square

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



72.6571, 67.1609, 68.1654



62.0777, 67.1609, 51.5098



55.7565, 67.1609, 78.3233



65.6240, 67.1609, 100.0764

Rectangle

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



72.6571, 67.1609, 68.1654



67.9915, 67.1609, 53.4285



55.7565, 67.1609, 78.3233



59.8504, 67.1609, 97.1541

Sweetspot

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



72.6590, 67.1640, 68.1668



88.2585, 89.7823, 96.2611



76.9525, 68.6303, 102.1202



18.7396, 18.9897, 20.3213



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

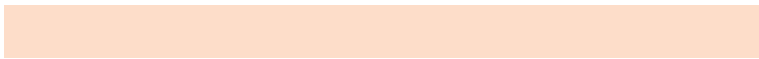
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6590, 67.1640, 68.1668



70.1879, 62.7357, 62.2001



76.8915, 76.7799, 66.0295



18.0945, 18.0211, 19.1150



21.6941, 11.1669, 1.7737



2.1384, 1.0977, 0.3103

Inverse Universe

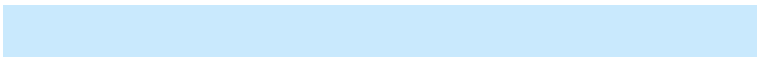
The Inverse Universe completely reimagines the original color for something new.



72.6590, 67.1640, 68.1668



70.1879, 62.7357, 62.2001



70.9773, 77.8274, 104.2103



18.0945, 18.0211, 19.1150



21.6941, 11.1669, 1.7737



2.1384, 1.0977, 0.3103

Previews

White Background



This preview shows how the XYZ color 72.6571, 67.1609, 68.1654 looks on a white background.

Color Contrast Check

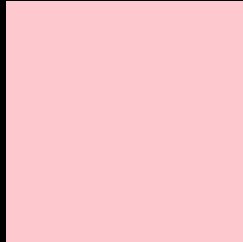
Large Text (above 18pt) WCAG AA × Fail

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 72.6571, 67.1609, 68.1654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

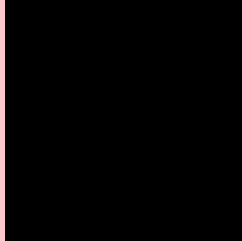
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.6571, 67.1609, 68.1654

Background



This preview shows how black text looks on a background with the XYZ color 72.6571, 67.1609, 68.1654.



This preview shows how white text looks on a background with the XYZ color 72.6571, 67.1609,

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

72.6571, 67.1609, 68.1654

Protanopia

64.8453, 67.3490, 73.2003

Deuteranopia

68.7133, 67.2590, 67.7532



Tritanopia

73.7931, 67.2857, 73.3881

Trichromacy



Original Color

72.6571, 67.1609, 68.1654

Protanomaly

67.5133, 67.2930, 71.0585

Deuteranomaly

69.9340, 67.1736, 67.6724

Tritanomaly

73.4110, 67.1328, 71.3761

Monochromacy



Original Color

72.6571, 67.1609, 68.1654

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.9376, 68.2156, 72.5370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6571, 67.1609, 68.1654 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(253, 201, 207)` looks like.

```
.text, #text, p{  
    color:rgb(253, 201, 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(253, 201, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 201, 207) }
```

Border

The CSS property to change the border of an element to XYZ 72.6571, 67.1609, 68.1654 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(253, 201, 207) }
```


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

```
.border{ border-color:rgb(253, 201, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 201, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 201, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 201, 207);  
box-shadow:4px 4px 4px 4px rgb(253, 201,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6571, 67.1609, 68.1654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 201, 207) }
```

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

```
.background{ background-color: rgb(253,  
201, 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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