

Converting Colors

XYZ(75.2366, 71.1845, 68.9898)

Have a look what the booklet for
XYZ(75.2366, 71.1845, 68.9898)
contains.

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Color

**XYZ(75.3029, 71.3659,
68.8376)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1CF
RGB	255, 209, 207
RGB Percent	100%, 82%, 81%
CMY	0.0000, 0.1804, 0.1882
CMYK	0.00, 0.18, 0.19, 0.00
HSL	3°, 100%, 91%
HSV	3°, 19%, 100%
XYZ	75.3029, 71.3659, 68.8376
YIQ	222.5260, 28.0580, 9.1300

Conversions

Conversions Part 2

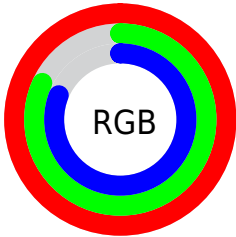
Format	Color
R_{YB}	255, 209, 207
Decimal	16765391
CIE _{Lab}	87.66, 15.84, 7.08
CIE _{LCh}	88, 17.347, 24.071
Yxy	71.3659, 0.3494, 0.3312
Android (android.graphics.Color)	4294955471 (0xFFFFD1CF)
YUV	222.5260, -7.6543, 28.4797
Hunter-Lab	84.4783, 11.2755, 10.8221

Details

The XYZ color **75.3029, 71.3659, 68.8376** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.9064, 90.7332, 107.9622**, and the grayscale version is **69.8432, 73.4805, 80.0202**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5941, 37.4169, 35.2196** is the 20% darker color. If you saturate the color by 10%, you get **66.8914, 59.1356, 51.8751**, and if you desaturate by 10%, it is **85.1408, 85.6427, 88.7613**.

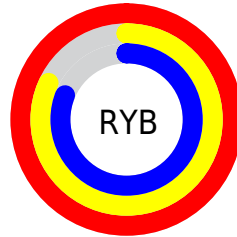
Distribution



Red (100%)

Green (82%)

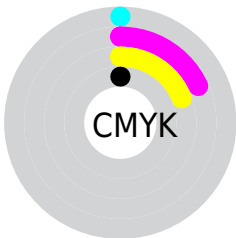
Blue (81%)



Red (100%)

Yellow (82%)

Blue (81%)

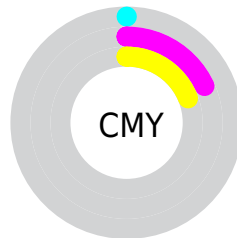


Cyan (0%)

Magenta (18%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3029, 71.3659, 68.8376 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 75.3029, 71.3659, 68.8376 by changing the saturation by 10% instead.


 75.3029, 71.3659,
68.8376

 75.3029, 71.3659,
68.8376


467.9392,
465.3315, 475.1364

 56.1561, 52.6409,
50.1085


125.7267,
121.1546, 119.2151

 40.5656, 37.5161,
35.1279


157.7343,
152.9870, 151.7006

 28.1660, 25.6074,
23.4770


194.7597,
189.9573, 189.6087

 18.5919, 16.5301,
14.7375

237.1681,
232.4500, 233.3579

 11.4780, 9.9001,
8.4908

285.3249,
280.8493, 283.3667

 6.4590, 5.3327,
4.3183

339.5954,

 3.1694, 2.4438,

335.5398, 340.0537

1.8016

400.3451,
396.9057, 403.8374

■ 1.2440, 0.8483,
0.4290

■ 0.1407, 0.0000,
0.0000

■ 75.3029, 71.3659,
68.8376

■ 75.3029, 71.3659,
68.8376

■ 66.8914, 59.1356,
51.8751

■ 85.1408, 85.6427,
88.7613

■ 59.8353, 48.8492,
37.7283

95.0500, 100.0000,
108.9000

■ 54.0652, 40.4095,
26.2463

■ 49.5034, 33.7070,
17.2620

■ 46.0642, 28.6209,
10.5898

■ 43.6501, 25.0149,
6.0179

■ 42.1475, 22.7300,
3.2962

■ 41.4072, 21.5681,
2.0668

■ 41.3557, 21.4914,
1.9686

Harmonies

Analogous

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



75.9963, 71.3659, 80.0658



75.3029, 71.3659, 68.8376



72.5731, 71.3659, 60.7867

Triad

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



75.3029, 71.3659, 68.8376



61.6331, 71.3659, 65.1711



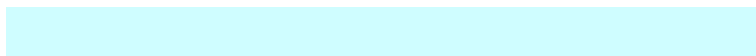
67.0184, 71.3659, 102.4519

Complementary

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



75.3029, 71.3659, 68.8376



78.9064, 90.7332, 107.9622

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.



63.3004, 71.3659, 97.5036



75.3029, 71.3659, 68.8376



60.2729, 71.3659, 75.3917

Square

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



75.3029, 71.3659, 68.8376



64.6597, 71.3659, 58.8242



60.8707, 71.3659, 87.3037



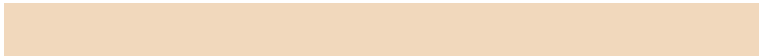
71.1047, 71.3659, 100.2476

Rectangle

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



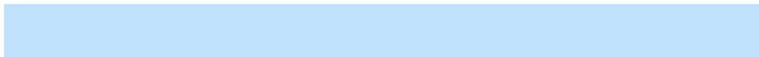
75.3029, 71.3659, 68.8376



70.0224, 71.3659, 57.9162



60.8707, 71.3659, 87.3037



65.6861, 71.3659, 101.5555

Sweetspot

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



75.3047, 71.3690, 68.8391



88.1836, 90.0534, 94.9389



81.3466, 73.0038, 103.0667



18.7220, 19.0535, 20.0102



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.



75.3047, 71.3690, 68.8391



71.6210, 66.0161, 61.4012



81.5287, 83.8171, 70.9137



18.0702, 18.1086, 18.6872



21.6355, 11.2822, 1.0374



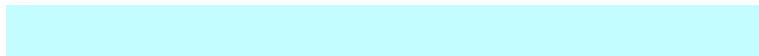
2.1270, 1.1394, 0.1078

Inverse Universe

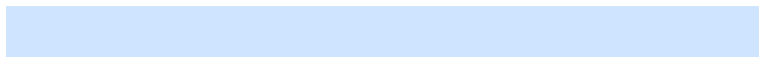
The Inverse Universe completely reimagines the original color for something new.



78.9064, 90.7332, 107.9622



75.8896, 88.9698, 107.7808



71.9129, 76.7463, 105.6310



18.4860, 20.3436, 23.2023



26.4192, 37.7479, 55.3282



2.5917, 3.7142, 5.3936

Previews

White Background



This preview shows how the XYZ color 75.3029, 71.3659, 68.8376 looks on a white background.

Color Contrast Check

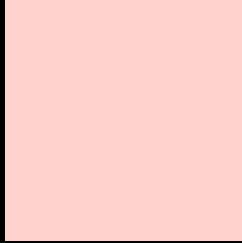
Large Text (above 18pt) WCAG AA × Fail

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 75.3029, 71.3659, 68.8376 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 75.3029, 71.3659, 68.8376

Background



This preview shows how black text looks on a background with the XYZ color 75.3029, 71.3659, 68.8376.



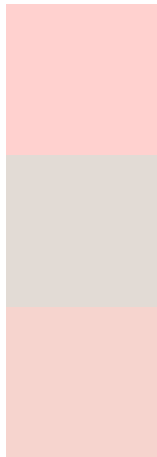
This preview shows how white text looks on a background with the XYZ color 75.3029, 71.3659,

68.8376.

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

75.3029, 71.3659, 68.8376

Protanopia

68.7058, 71.6359, 73.1567

Deuteranopia

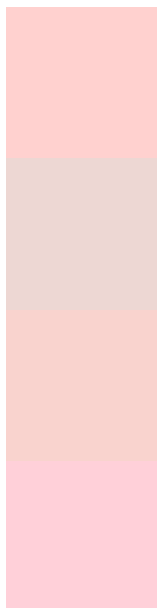
72.6901, 71.1360, 68.2920



Tritanopia

76.7376, 71.1596, 78.7979

Trichromacy



Original Color

75.3029, 71.3659, 68.8376

Protanomaly

70.9834, 71.3086, 71.6507

Deuteranomaly

73.5018, 71.1845, 68.2585

Tritanomaly

76.3203, 71.3815, 75.4011

Monochromacy



Original Color

75.3029, 71.3659, 68.8376

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.8567, 72.8147, 75.9130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3029, 71.3659, 68.8376 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, 209, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 209, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 207) }
```

Border

The CSS property to change the border of an element to XYZ 75.3029, 71.3659, 68.8376 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, 209, 207) }
```


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

```
.border{ border-color:rgb(255, 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(255, 209, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3029, 71.3659, 68.8376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 207) }
```

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

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