

Converting Colors

XYZ(101.1004, 84.5528,
68.8322)

Have a look what the booklet for
XYZ(101.1004, 84.5528, 68.8322)
contains.

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Color

**XYZ(75.0599, 71.2687,
67.5578)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1CD
RGB	255, 209, 205
RGB Percent	100%, 82%, 80%
CMY	0.0000, 0.1804, 0.1961
CMYK	0.00, 0.18, 0.20, 0.00
HSL	5°, 100%, 90%
HSV	5°, 20%, 100%
XYZ	75.0599, 71.2687, 67.5578
YIQ	222.2980, 28.7000, 8.5080

Conversions

Conversions Part 2

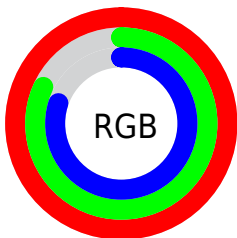
Format	Color
R _Y B	255, 209, 205
Decimal	16765389
CIE Lab	87.62, 15.54, 8.06
CIE LCh	88, 17.510, 27.423
Yxy	71.2687, 0.3509, 0.3332
Android (android.graphics.Color)	4294955469 (0xFFFFD1CD)
YUV	222.2980, -8.5279, 28.6797
Hunter-Lab	84.4208, 10.9709, 11.6477

Details

The XYZ color **75.0599, 71.2687, 67.5578** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.7230, 89.1908, 107.7269**, and the grayscale version is **69.6874, 73.3166, 79.8418**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4302, 37.3513, 34.3568** is the 20% darker color. If you saturate the color by 10%, you get **66.8915, 59.4629, 50.8662**, and if you desaturate by 10%, it is **84.5808, 84.9761, 87.1769**.

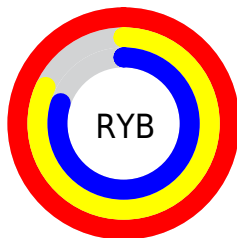
Distribution



Red (100%)

Green (82%)

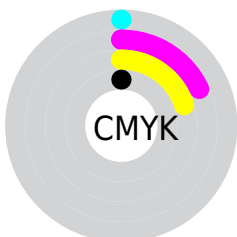
Blue (80%)



Red (100%)

Yellow (82%)

Blue (80%)

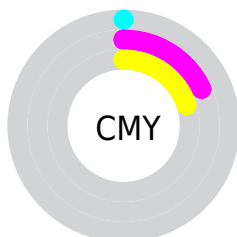


Cyan (0%)

Magenta (18%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.0599, 71.2687, 67.5578 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 75.0599, 71.2687, 67.5578 by changing the saturation by 10% instead.


 75.0599, 71.2687,
67.5578

 75.0599, 71.2687,
67.5578


467.1174,
464.9922, 470.4831

 55.9563, 52.5615,
49.0736


125.3846,
121.0162, 117.3675

 40.4048, 37.4528,
34.3119


157.3364,
152.8254, 149.5302

 28.0399, 25.5583,
22.8540


194.3017,
189.7706, 187.0894

 18.4963, 16.4935,
14.2815

236.6458,
232.2364, 230.4638

 11.4088, 9.8740,
8.1757

284.7341,
280.6070, 280.0718

 6.4118, 5.3155,
4.1182

338.9319,

 3.1401, 2.4336,

335.2669, 336.3320

1.6904

399.6045,
396.6005, 399.6629

■ 1.2283, 0.8431,
0.3541

■ 0.1285, 0.0000,
0.0000

■ 75.0599, 71.2687,
67.5578

■ 75.0599, 71.2687,
67.5578

■ 66.8915, 59.4629,
50.8662

■ 84.5808, 84.9761,
87.1769

■ 60.0092, 49.4659,
36.9576

95.0500, 100.0000,
108.9000

■ 54.3490, 41.1910,
25.6818

■ 49.8391, 34.5409,
16.8726

■ 46.4001, 29.4085,
10.3452

■ 43.9428, 25.6738,
5.8885

■ 42.3630, 23.1986,
3.2519

■ 41.5200, 21.8113,
2.0504

■ 41.4977, 21.7754,
2.0159

Harmonies

Analogous

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



76.0140, 71.2687, 78.6301



75.0599, 71.2687, 67.5578



72.1199, 71.2687, 59.9158

Triad

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



75.0599, 71.2687, 67.5578



61.2442, 71.2687, 65.9504



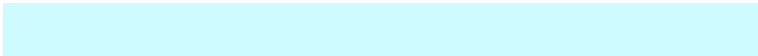
67.3811, 71.2687, 102.6995

Complementary

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



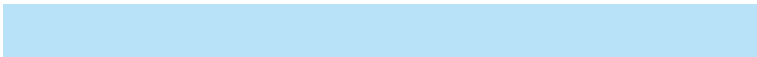
75.0599, 71.2687, 67.5578



77.7230, 89.1908, 107.7269

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.



63.5387, 71.2687, 98.4595



75.0599, 71.2687, 67.5578



60.0871, 71.2687, 76.5780

Square

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



75.0599, 71.2687, 67.5578



64.1352, 71.2687, 59.0564



60.9099, 71.2687, 88.5900



71.4748, 71.2687, 99.6669

Rectangle

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



75.0599, 71.2687, 67.5578



69.4886, 71.2687, 57.3915



60.9099, 71.2687, 88.5900



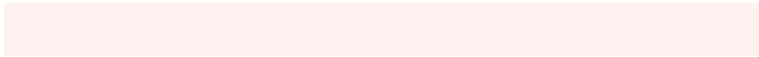
66.0186, 71.2687, 102.0686

Sweetspot

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



75.0616, 71.2718, 67.5593



88.3569, 90.3999, 94.9966



80.5896, 71.9306, 101.4553



18.7627, 19.1350, 20.0238



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

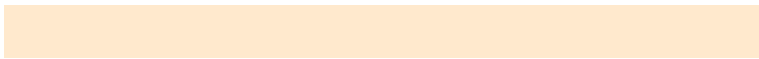
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0616, 71.2718, 67.5593



71.3100, 65.8558, 59.8742



81.4932, 84.1350, 69.7031



18.1262, 18.2207, 18.7059



21.7241, 11.4595, 1.0669



2.1536, 1.1925, 0.1167

Inverse Universe

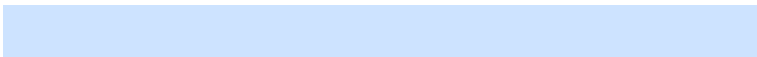
The Inverse Universe completely reimagines the original color for something new.



77.7230, 89.1908, 107.7269



74.4630, 87.0951, 107.4942



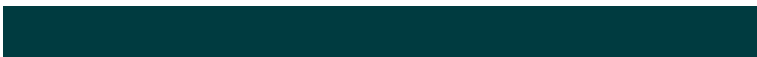
70.6055, 74.9558, 105.3544



18.4231, 20.2177, 23.1814



24.9435, 34.7966, 54.8363



2.4640, 3.4588, 5.3510

Previews

White Background



This preview shows how the XYZ color 75.0599, 71.2687, 67.5578 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 75.0599, 71.2687, 67.5578 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

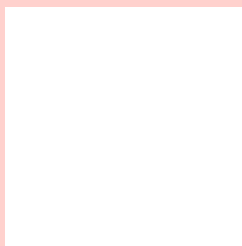
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0599, 71.2687, 67.5578

Background



This preview shows how black text looks on a background with the XYZ color 75.0599, 71.2687, 67.5578.



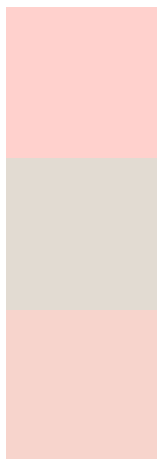
This preview shows how white text looks on a background with the XYZ color 75.0599, 71.2687,

67.5578.

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

75.0599, 71.2687, 67.5578

Protanopia

68.3284, 71.4849, 71.1694

Deuteranopia

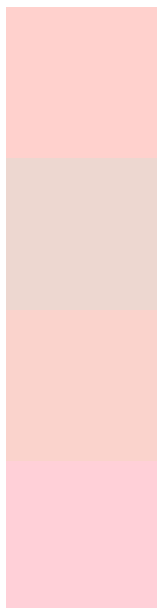
72.8003, 71.2208, 67.0367



Tritanopia

76.7376, 71.1596, 78.7979

Trichromacy



Original Color

75.0599, 71.2687, 67.5578

Protanomaly

70.6107, 71.1595, 69.6881

Deuteranomaly

73.6177, 71.2722, 67.0036

Tritanomaly

76.1905, 71.3296, 74.7181

Monochromacy



Original Color

75.0599, 71.2687, 67.5578

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.1392, 72.0760, 75.1284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0599, 71.2687, 67.5578 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 205) }
```

Border

The CSS property to change the border of an element to XYZ 75.0599, 71.2687, 67.5578 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, 205) }
```


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

```
.border{ border-color:rgb(255, 209, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0599, 71.2687, 67.5578 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, 205) }
```

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

```
.background{ background-color: rgb(255,  
209, 205) }
```

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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