

Converting Colors

XYZ(78.7606, 73.1171, 66.0530)

Have a look what the booklet for
XYZ(78.7606, 73.1171, 66.0530)
contains.

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Color

**XYZ(74.7011, 71.1252,
65.6685)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1CA
RGB	255, 209, 202
RGB Percent	100%, 82%, 79%
CMY	0.0000, 0.1804, 0.2078
CMYK	0.00, 0.18, 0.21, 0.00
HSL	8°, 100%, 90%
HSV	8°, 21%, 100%
XYZ	74.7011, 71.1252, 65.6685
YIQ	221.9560, 29.6630, 7.5750

Conversions

Conversions Part 2

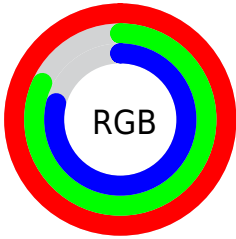
Format	Color
R _Y B	255, 210, 202
Decimal	16765386
CIE Lab	87.55, 15.11, 9.55
CIE LCh	88, 17.871, 32.302
Yxy	71.1252, 0.3532, 0.3363
Android (android.graphics.Color)	4294955466 (0xFFFFD1CA)
YUV	221.9560, -9.8383, 28.9796
Hunter-Lab	84.3358, 10.5203, 12.8685

Details

The XYZ color **74.7011, 71.1252, 65.6685** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9735, 86.9087, 107.3786**, and the grayscale version is **69.4542, 73.0712, 79.5746**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1896, 37.2551, 33.0897** is the 20% darker color. If you saturate the color by 10%, you get **66.8704, 59.9028, 49.3729**, and if you desaturate by 10%, it is **83.7885, 84.0618, 84.8459**.

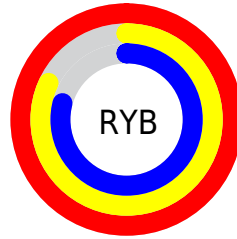
Distribution



Red (100%)

Green (82%)

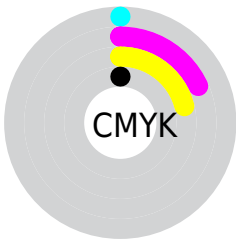
Blue (79%)



Red (100%)

Yellow (82%)

Blue (79%)

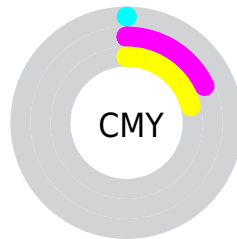


Cyan (0%)

Magenta (18%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7011, 71.1252, 65.6685 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 74.7011, 71.1252, 65.6685 by changing the saturation by 10% instead.


 74.7011, 71.1252,
65.6685

 74.7011, 71.1252,
65.6685


465.9026,
464.4910, 463.5622

 55.6614, 52.4444,
47.5486


124.8793,
120.8120, 114.6329

 40.1674, 37.3594,
33.1121

156.7486,
152.5867, 146.3144

 27.8539, 25.4859,
21.9405


193.6250,
189.4949, 183.3535

 18.3554, 16.4394,
13.6153

235.8740,
231.9209, 226.1688

 11.3067, 9.8356,
7.7179

283.8609,
280.2491, 275.1788

 6.3423, 5.2901,
3.8298

337.9510,

 3.0970, 2.4185,

334.8639, 330.8020

1.5324

398.5098,
396.1498, 393.4569

■ 1.2052, 0.8354,
0.2419

■ 0.1105, 0.0000,
0.0000

■ 74.7011, 71.1252,
65.6685

■ 74.7011, 71.1252,
65.6685

■ 66.8704, 59.9028,
49.3729

■ 83.7885, 84.0618,
84.8459

■ 60.2356, 50.3135,
35.8155

■ 94.1791, 98.7704,
107.0306

■ 54.7389, 42.2837,
24.8470

■ 95.0500, 100.0000,
108.9000

■ 50.3156, 35.7306,
16.3018

■ 46.8942, 30.5637,
9.9953

■ 44.3946, 26.6821,
5.7162

■ 42.7235, 23.9714,
3.2124

■ 41.8036, 22.3871,
2.1179

Harmonies

Analogous

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



76.0452, 71.1252, 76.5130



74.7011, 71.1252, 65.6685



71.4476, 71.1252, 58.6229

Triad

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



74.7011, 71.1252, 65.6685



60.6643, 71.1252, 67.1284



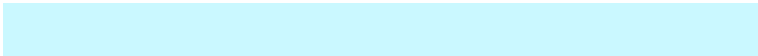
67.9290, 71.1252, 103.0827

Complementary

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



74.7011, 71.1252, 65.6685



75.9735, 86.9087, 107.3786

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.



63.8976, 71.1252, 99.9136



74.7011, 71.1252, 65.6685



59.8087, 71.1252, 78.3810

Square

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



74.7011, 71.1252, 65.6685



63.3552, 71.1252, 59.4021



60.9682, 71.1252, 90.5476



72.0353, 71.1252, 98.8108

Rectangle

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



74.7011, 71.1252, 65.6685



68.6960, 71.1252, 56.6070



60.9682, 71.1252, 90.5476



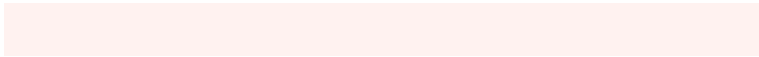
66.5204, 71.1252, 102.8519

Sweetspot

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



74.7029, 71.1284, 65.6700



88.5931, 90.8725, 95.0754



79.4312, 70.3299, 98.8614



18.8183, 19.2462, 20.0423



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

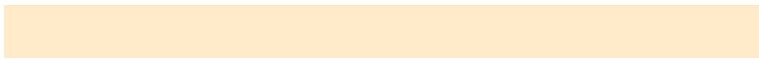
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7029, 71.1284, 65.6700



71.2508, 66.1911, 58.4554



81.5188, 84.7602, 67.9419



18.2029, 18.3739, 18.7315



21.9024, 11.8160, 1.1263



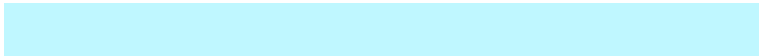
2.1896, 1.2645, 0.1287

Inverse Universe

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



75.9735, 86.9087, 107.3786



72.7295, 84.5902, 107.1020



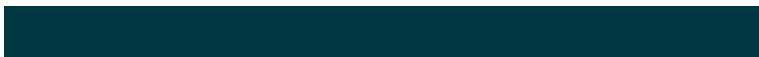
68.6133, 72.1882, 104.9252



18.3380, 20.0477, 23.1530



23.0628, 31.0352, 54.2094



2.3000, 3.1306, 5.2963

Previews

White Background



This preview shows how the XYZ color 74.7011, 71.1252, 65.6685 looks on a white background.

Color Contrast Check

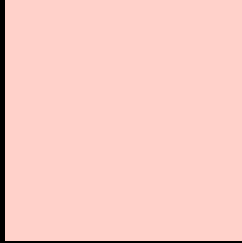
Large Text (above 18pt) WCAG AA × Fail

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 74.7011, 71.1252, 65.6685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

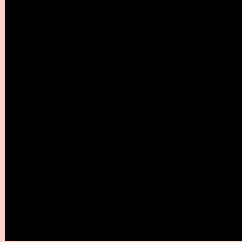
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7011, 71.1252, 65.6685

Background



This preview shows how black text looks on a background with the XYZ color 74.7011, 71.1252, 65.6685.



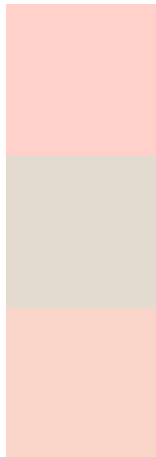
This preview shows how white text looks on a background with the XYZ color 74.7011, 71.1252,

65.6685.

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

74.7011, 71.1252, 65.6685

Protanopia

68.2726, 71.4989, 69.2338

Deuteranopia

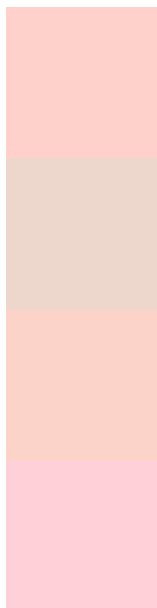
72.7975, 71.2605, 65.1761



Tritanopia

76.7376, 71.1596, 78.7979

Trichromacy



Original Color

74.7011, 71.1252, 65.6685

Protanomaly

70.2449, 71.0132, 67.7622

Deuteranomaly

73.6205, 71.3148, 65.1433

Tritanomaly

76.0616, 71.2780, 74.0391

Monochromacy



Original Color

74.7011, 71.1252, 65.6685

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.0103, 72.0244, 74.4494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7011, 71.1252, 65.6685 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 202) }
```

Border

The CSS property to change the border of an element to XYZ 74.7011, 71.1252, 65.6685 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, 202) }
```


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

```
.border{ border-color:rgb(255, 209, 202) }
```

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, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7011, 71.1252, 65.6685 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
209, 202) }
```

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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