

Converting Colors

XYZ(165.3706, 116.9599,
70.6696)

Have a look what the booklet for
XYZ(165.3706, 116.9599, 70.6696)
contains.

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Color

**XYZ(74.3323, 70.1974,
66.1316)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFCB
RGB	255, 207, 203
RGB Percent	100%, 81%, 80%
CMY	0.0000, 0.1882, 0.2039
CMYK	0.00, 0.19, 0.20, 0.00
HSL	5°, 100%, 90%
HSV	5°, 20%, 100%
XYZ	74.3323, 70.1974, 66.1316
YIQ	220.8960, 29.8920, 8.9320

Conversions

Conversions Part 2

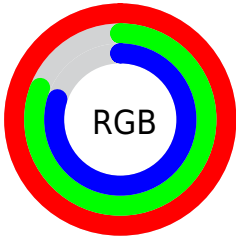
Format	Color
R_{YB}	255, 207, 203
Decimal	16764875
CIE _{Lab}	87.09, 16.29, 8.37
CIE _{LCh}	87, 18.320, 27.200
Yxy	70.1974, 0.3529, 0.3332
Android (android.graphics.Color)	4294954955 (0xFFFFCFCB)
YUV	220.8960, -8.8227, 29.9092
Hunter-Lab	83.7839, 11.7418, 11.8504

Details

The XYZ color **74.3323, 70.1974, 66.1316** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.1747, 88.9082, 107.7012**, and the grayscale version is **68.7010, 72.2788, 78.7116**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1048, 36.9582, 33.4537** is the 20% darker color. If you saturate the color by 10%, you get **66.2565, 58.5155, 49.6600**, and if you desaturate by 10%, it is **83.7613, 83.7852, 85.5218**.

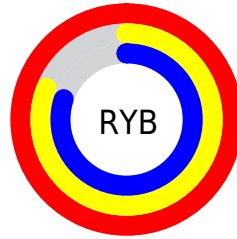
Distribution



Red (100%)

Green (81%)

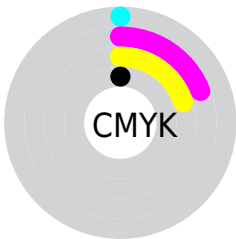
Blue (80%)



Red (100%)

Yellow (81%)

Blue (80%)

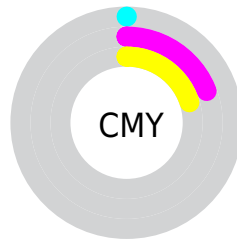


Cyan (0%)

Magenta (19%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3323, 70.1974, 66.1316 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 74.3323, 70.1974, 66.1316 by changing the saturation by 10% instead.


 74.3323, 70.1974,
66.1316

 74.3323, 70.1974,
66.1316


464.6521,
461.2428, 465.2644

 55.3583, 51.6875,
47.9221


124.3597,
119.4902, 115.3040

 39.9236, 36.7560,
33.4056


156.1439,
151.0419, 147.1040

 27.6630, 25.0187,
22.1637


192.9288,
187.7096, 184.2711

 18.2109, 16.0910,
13.7778

235.0798,
229.8778, 227.2241

 11.2021, 9.5885,
7.8293

282.9623,
277.9308, 276.3814

 6.2712, 5.1270,
3.8997

336.9416,

 3.0529, 2.3220,

332.2531, 332.1615

1.5705

397.3830,
393.2289, 394.9830

■ 1.1818, 0.7853,
0.2696

■ 0.0919, 0.0000,
0.0000

■ 74.3323, 70.1974,
66.1316

■ 74.3323, 70.1974,
66.1316

■ 66.2565, 58.5155,
49.6600

■ 83.7613, 83.7852,
85.5218

■ 59.4670, 48.6457,
35.9617

94.5963, 99.3492,
107.9577

■ 53.8986, 40.4999,
24.8852

95.0500, 100.0000,
108.9000

■ 49.4787, 33.9790,
16.2631

■ 46.1268, 28.9739,
9.9083

■ 43.7517, 25.3622,
5.6072

■ 42.2471, 23.0020,
3.1049

■ 41.4838, 21.7477,
2.0113

Harmonies

Analogous

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



75.3066, 70.1974, 77.5935



74.3323, 70.1974, 66.1316



71.2912, 70.1974, 58.2395

Triad

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



74.3323, 70.1974, 66.1316



60.0219, 70.1974, 64.3323



66.3182, 70.1974, 102.5508

Complementary

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



74.3323, 70.1974, 66.1316



77.1747, 88.9082, 107.7012

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.



62.3495, 70.1974, 98.0685



74.3323, 70.1974, 66.1316



58.8132, 70.1974, 75.2842

Square

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



74.3323, 70.1974, 66.1316



63.0193, 70.1974, 57.2816



59.6470, 70.1974, 87.7523



70.5639, 70.1974, 99.4381

Rectangle

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



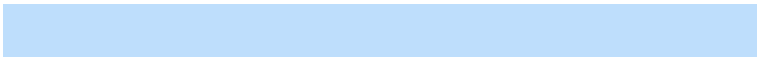
74.3323, 70.1974, 66.1316



68.5655, 70.1974, 55.6262



59.6470, 70.1974, 87.7523



64.9089, 70.1974, 101.8722

Sweetspot

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



74.3340, 70.2005, 66.1330



88.3429, 90.3720, 94.9920



80.0931, 70.9713, 101.1857



18.7594, 19.1284, 20.0227



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.



74.3340, 70.2005, 66.1330



71.2668, 65.7693, 59.8598



81.0080, 83.5485, 68.3577



18.1217, 18.2116, 18.7044



21.7158, 11.4429, 1.0641



2.1514, 1.1882, 0.1160

Inverse Universe

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



77.1747, 88.9082, 107.7012



74.5216, 87.2124, 107.5137



69.7488, 74.0564, 105.2259



18.4281, 20.2278, 23.1830



25.0592, 35.0280, 54.8749



2.4741, 3.4789, 5.3544

Previews

White Background



This preview shows how the XYZ color 74.3323, 70.1974, 66.1316 looks on a white background.

Color Contrast Check

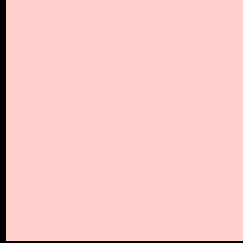
Large Text (above 18pt) WCAG AA × Fail

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 74.3323, 70.1974, 66.1316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

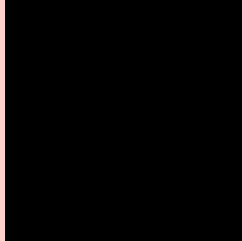
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3323, 70.1974, 66.1316

Background



This preview shows how black text looks on a background with the XYZ color 74.3323, 70.1974, 66.1316.

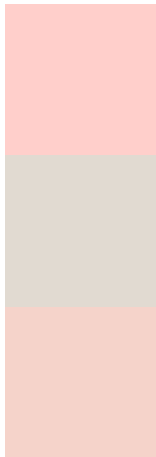


This preview shows how white text looks on a background with the XYZ color 74.3323, 70.1974,

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

74.3323, 70.1974, 66.1316

Protanopia

67.6314, 70.7538, 70.4139

Deuteranopia

71.6111, 70.2653, 65.6654



Tritanopia

75.9896, 70.0900, 77.2338

Trichromacy



Original Color

74.3323, 70.1974, 66.1316

Protanomaly

69.9011, 70.4310, 68.9418

Deuteranomaly

72.7742, 70.4972, 65.6488

Tritanomaly

75.4489, 70.2577, 73.2028

Monochromacy



Original Color

74.3323, 70.1974, 66.1316

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.2977, 71.2904, 73.6737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3323, 70.1974, 66.1316 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, 207, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 203)  
}
```

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, 207, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 203) }
```

Border

The CSS property to change the border of an element to XYZ 74.3323, 70.1974, 66.1316 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, 207, 203) }
```


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

```
.border{ border-color:rgb(255, 207, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3323, 70.1974, 66.1316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 203) }
```

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

```
.background{ background-color: rgb(255,  
207, 203) }
```

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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