

Converting Colors

XYZ(74.3482, 70.0379, 66.7268)

Have a look what the booklet for
XYZ(74.3482, 70.0379, 66.7268)
contains.

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Color

**XYZ(74.4519, 70.2453,
66.7614)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFCC
RGB	255, 207, 204
RGB Percent	100%, 81%, 80%
CMY	0.0000, 0.1882, 0.2000
CMYK	0.00, 0.19, 0.20, 0.00
HSL	4°, 100%, 90%
HSV	4°, 20%, 100%
XYZ	74.4519, 70.2453, 66.7614
YIQ	221.0100, 29.5710, 9.2430

Conversions

Conversions Part 2

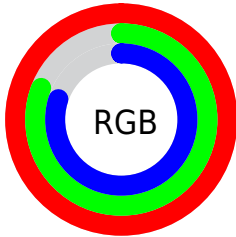
Format	Color
R _Y B	255, 207, 204
Decimal	16764876
CIE Lab	87.12, 16.44, 7.88
CIE LCh	87, 18.230, 25.605
Yxy	70.2453, 0.3521, 0.3322
Android (android.graphics.Color)	4294954956 (0xFFFFCFCC)
YUV	221.0100, -8.3859, 29.8092
Hunter-Lab	83.8125, 11.8925, 11.4409

Details

The XYZ color **74.4519, 70.2453, 66.7614** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.7612, 89.6754, 107.8184**, and the grayscale version is **68.7782, 72.3601, 78.8001**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1850, 36.9902, 33.8760** is the 20% darker color. If you saturate the color by 10%, you get **66.2616, 58.3651, 50.1572**, and if you desaturate by 10%, it is **84.0300, 84.0992, 86.3003**.

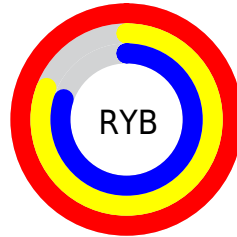
Distribution



Red (100%)

Green (81%)

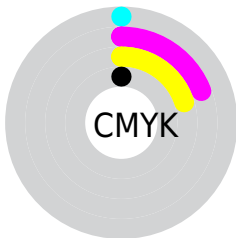
Blue (80%)



Red (100%)

Yellow (81%)

Blue (80%)

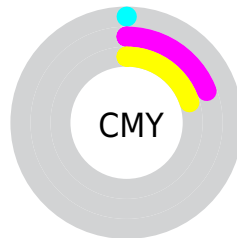


Cyan (0%)

Magenta (19%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4519, 70.2453, 66.7614 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 74.4519, 70.2453, 66.7614 by changing the saturation by 10% instead.


 74.4519, 70.2453,
66.7614

 74.4519, 70.2453,
66.7614


465.0578,
461.4108, 467.5733

 55.4566, 51.7265,
48.4304

124.5283,
119.5585, 116.2159

 40.0027, 36.7872,
33.8054

156.3400,
151.1217, 148.1764

 27.7249, 25.0427,
22.4680


193.1546,
187.8019, 185.5171

 18.2577, 16.1089,
13.9996

235.3374,
229.9834, 228.6566

 11.2360, 9.6012,
7.9816

283.2538,
278.0507, 278.0135

 6.2943, 5.1354,
3.9956

337.2691,

 3.0672, 2.3269,

332.3881, 334.0062

1.6229

397.7486,
393.3800, 397.0533

■ 1.1894, 0.7879,
0.3071

■ 0.0980, 0.0000,
0.0000

■ 74.4519, 70.2453,
66.7614

■ 74.4519, 70.2453,
66.7614

■ 66.2616, 58.3651,
50.1572

■ 84.0300, 84.0992,
86.3003

■ 59.3899, 48.3601,
36.3419

95.0500, 100.0000,
108.9000

■ 53.7694, 40.1371,
25.1637

■ 49.3245, 33.5917,
16.4549

■ 45.9717, 28.6082,
10.0282

■ 43.6162, 25.0564,
5.6697

■ 42.1472, 22.7849,
3.1249

■ 41.4112, 21.6024,
1.9871

■ 41.4112, 21.6023,
1.9871

Harmonies

Analogous

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



75.2966, 70.2453, 78.3025



74.4519, 70.2453, 66.7614



71.5152, 70.2453, 58.6674

Triad

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



74.4519, 70.2453, 66.7614



60.2140, 70.2453, 63.9493



66.1384, 70.2453, 102.4237

Complementary

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



74.4519, 70.2453, 66.7614



77.7612, 89.6754, 107.8184

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.



62.2320, 70.2453, 97.5882



74.4519, 70.2453, 66.7614



58.9054, 70.2453, 74.6962

Square

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



74.4519, 70.2453, 66.7614



63.2783, 70.2453, 57.1694



59.6282, 70.2453, 87.1101



70.3796, 70.2453, 99.7248

Rectangle

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



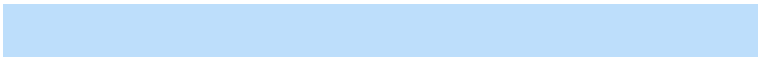
74.4519, 70.2453, 66.7614



68.8294, 70.2453, 55.8846



59.6282, 70.2453, 87.1101



64.7444, 70.2453, 101.6125

Sweetspot

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



74.4536, 70.2484, 66.7628



88.2611, 90.2084, 94.9647



80.4753, 71.5033, 102.0299



18.7402, 19.0899, 20.0162



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.



74.4536, 70.2484, 66.7628



71.0137, 65.2631, 59.7755



81.0101, 83.3615, 68.9484



18.0952, 18.1587, 18.6956



21.6716, 11.3544, 1.0494



2.1389, 1.1632, 0.1118

Inverse Universe

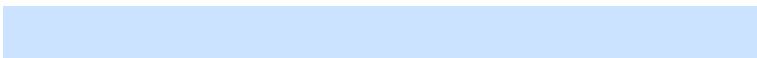
The Inverse Universe completely reimagines the original color for something new.



77.7612, 89.6754, 107.8184



74.8673, 87.9038, 107.6289



70.4079, 74.9689, 105.3673



18.4578, 20.2872, 23.1929



25.7491, 36.4078, 55.1049



2.5339, 3.5984, 5.3743

Previews

White Background



This preview shows how the XYZ color 74.4519, 70.2453, 66.7614 looks on a white background.

Color Contrast Check

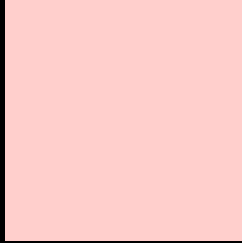
Large Text (above 18pt) WCAG AA × Fail

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 74.4519, 70.2453, 66.7614 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 74.4519, 70.2453, 66.7614

Background



This preview shows how black text looks on a background with the XYZ color 74.4519, 70.2453, 66.7614.



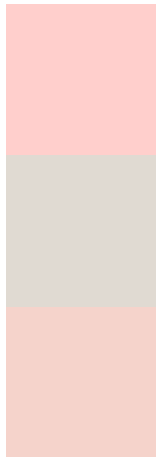
This preview shows how white text looks on a background with the XYZ color 74.4519, 70.2453,

66.7614.

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

74.4519, 70.2453, 66.7614

Protanopia

67.4447, 70.6432, 71.0536

Deuteranopia

71.7299, 70.3128, 66.2911



Tritanopia

75.9896, 70.0900, 77.2338

Trichromacy



Original Color

74.4519, 70.2453, 66.7614

Protanomaly

69.6927, 70.3094, 69.5724

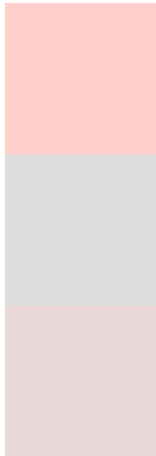
Deuteranomaly

72.8930, 70.5447, 66.2745

Tritanomaly

75.4489, 70.2577, 73.2028

Monochromacy



Original Color

74.4519, 70.2453, 66.7614

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.4259, 71.3417, 74.3485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4519, 70.2453, 66.7614 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 204) }
```

Border

The CSS property to change the border of an element to XYZ 74.4519, 70.2453, 66.7614 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, 204) }
```


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

```
.border{ border-color:rgb(255, 207, 204) }
```

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, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4519, 70.2453, 66.7614 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, 204) }
```

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

```
.background{ background-color: rgb(255,  
207, 204) }
```

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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