

Converting Colors

XYZ(70.9711, 63.9481, 63.5529)

Have a look what the booklet for
XYZ(70.9711, 63.9481, 63.5529)
contains.

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Color

**XYZ(71.0744, 64.0606,
63.8772)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2C9
RGB	255, 194, 201
RGB Percent	100%, 76%, 79%
CMY	0.0000, 0.2392, 0.2118
CMYK	0.00, 0.24, 0.21, 0.00
HSL	353°, 100%, 88%
HSV	353°, 24%, 100%
XYZ	71.0744, 64.0606, 63.8772
YIQ	213.0370, 34.1090, 15.1090

Conversions

Conversions Part 2

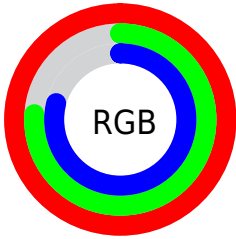
Format	Color
R _Y B	255, 194, 201
Decimal	16761545
CIE _{Lab}	84.00, 22.81, 4.98
CIE _{LCh}	84, 23.347, 12.322
Yxy	64.0606, 0.3571, 0.3219
Android (android.graphics.Color)	4294951625 (0xFFFFC2C9)
YUV	213.0370, -5.9342, 36.8016
Hunter-Lab	80.0379, 18.4435, 8.7079

Details

The XYZ color **71.0744, 64.0606, 63.8772** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.9538, 89.7678, 102.1873**, and the grayscale version is **63.2944, 66.5906, 72.5172**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **37.6705, 32.7331, 31.9364** is the 20% darker color. If you saturate the color by 10%, you get **63.4150, 52.6840, 49.1707**, and if you desaturate by 10%, it is **80.1010, 77.5464, 80.9666**.

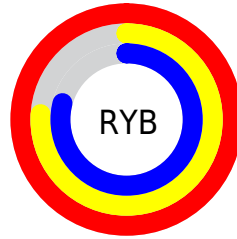
Distribution



Red (100%)

Green (76%)

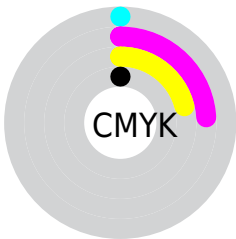
Blue (79%)



Red (100%)

Yellow (76%)

Blue (79%)

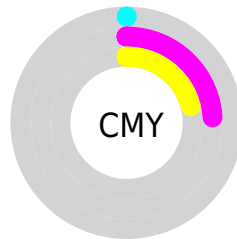


Cyan (0%)

Magenta (24%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0744, 64.0606, 63.8772 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 71.0744, 64.0606, 63.8772 by changing the saturation by 10% instead.


 71.0744, 64.0606,
63.8772

 71.0744, 64.0606,
63.8772


453.5213,
439.4084, 456.9413

 52.6857, 46.6998,
46.1057


 119.7576,
110.6982, 112.0318

 37.7784, 32.7984,
31.9800


150.7828,
140.7438, 143.2520

 25.9872, 21.9720,
21.0815


186.7508,
175.7863, 179.7922

 16.9467, 13.8363,
12.9918

228.0270,
216.2103, 222.0708

 10.2915, 8.0069,
7.2922

274.9769,
262.4002, 270.5065

 5.6564, 4.0994,
3.5643

327.9656,

 2.6760, 1.7293,

314.7402, 325.5178

1.3895

387.3586,
373.6148, 387.5232

■ 0.9848, 0.4425,
0.1335

■ 0.0000, 0.0000,
0.0000

■ 71.0744, 64.0606,
63.8772

■ 71.0744, 64.0606,
63.8772

■ 63.4150, 52.6840,
49.1707

■ 80.1010, 77.5464,
80.9666

■ 57.0515, 43.3020,
36.7372

■ 90.5522, 93.2317,
100.5343

■ 51.9131, 35.8019,
26.4643

95.0500, 100.0000,
108.9000

■ 47.9204, 30.0564,
18.2280

■ 44.9845, 25.9225,
11.8920

■ 43.0032, 23.2343,
7.3028

■ 41.8536, 21.7903,
4.2829

■ 41.4648, 21.3499,
3.1138

Harmonies

Analogous

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



70.8094, 64.0606, 78.7146



71.0744, 64.0606, 63.8772



68.5000, 64.0606, 52.3593

Triad

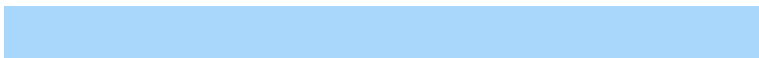
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.0744, 64.0606, 63.8772



54.4660, 64.0606, 50.8279



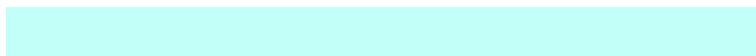
57.9323, 64.0606, 100.3820

Complementary

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



71.0744, 64.0606, 63.8772



74.9538, 89.7678, 102.1873

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.



53.8613, 64.0606, 90.6219



71.0744, 64.0606, 63.8772



51.9389, 64.0606, 61.4953

Square

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



71.0744, 64.0606, 63.8772



58.8006, 64.0606, 45.5687



51.7240, 64.0606, 75.9745



63.0236, 64.0606, 101.2582

Rectangle

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



71.0744, 64.0606, 63.8772



65.6001, 64.0606, 47.5465



51.7240, 64.0606, 75.9745



56.4065, 64.0606, 97.9741

Sweetspot

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



71.0759, 64.0634, 63.8785



87.1768, 88.1589, 94.2358



76.0135, 65.7416, 103.2908



18.5214, 18.6623, 19.9123



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

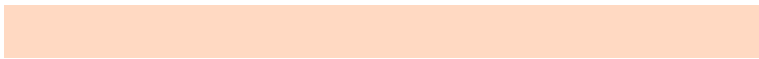
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.0759, 64.0634, 63.8785



67.0171, 58.0253, 56.1147



75.8911, 74.9808, 61.5154



18.0941, 18.0209, 19.1125



21.6930, 11.1665, 1.7677



2.1382, 1.0976, 0.3091

Inverse Universe

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



71.0759, 64.0634, 63.8785



67.0171, 58.0253, 56.1147



69.0492, 76.1891, 105.6744



18.0941, 18.0209, 19.1125



21.6930, 11.1665, 1.7677



2.1382, 1.0976, 0.3091

Previews

White Background



This preview shows how the XYZ color 71.0744, 64.0606, 63.8772 looks on a white background.

Color Contrast Check

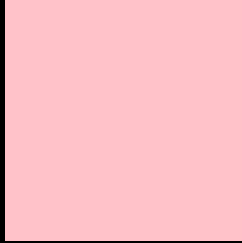
Large Text (above 18pt) WCAG AA × Fail

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 71.0744, 64.0606, 63.8772 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 71.0744, 64.0606, 63.8772

Background



This preview shows how black text looks on a background with the XYZ color 71.0744, 64.0606, 63.8772.



This preview shows how white text looks on a background with the XYZ color 71.0744, 64.0606,

63.8772.

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

71.0744, 64.0606, 63.8772

Protanopia

61.7497, 64.3505, 69.4879

Deuteranopia

65.5964, 64.3278, 62.9920



Tritanopia

71.6951, 63.9540, 68.2401

Trichromacy



Original Color

71.0744, 64.0606, 63.8772

Protanomaly

64.7284, 64.1359, 67.3604

Deuteranomaly

67.6976, 64.3559, 63.4975

Tritanomaly

71.3294, 63.8077, 66.3143

Monochromacy



Original Color

71.0744, 64.0606, 63.8772

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.5748, 65.2400, 69.4580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0744, 64.0606, 63.8772 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, 194, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 201)  
}
```

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, 194, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 201) }
```

Border

The CSS property to change the border of an element to XYZ 71.0744, 64.0606, 63.8772 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, 194, 201) }
```


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

```
.border{ border-color:rgb(255, 194, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0744, 64.0606, 63.8772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 201) }
```

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

```
.background{ background-color: rgb(255,  
194, 201) }
```

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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