

Converting Colors

XYZ(71.2829, 63.5054, 66.9440)

Have a look what the booklet for
XYZ(71.2829, 63.5054, 66.9440)
contains.

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Color

**XYZ(71.2302, 63.4155,
66.8787)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0CE
RGB	255, 192, 206
RGB Percent	100%, 75%, 81%
CMY	0.0000, 0.2470, 0.1922
CMYK	0.00, 0.25, 0.19, 0.00
HSL	347°, 100%, 88%
HSV	347°, 25%, 100%
XYZ	71.2302, 63.4155, 66.8787
YIQ	212.4330, 33.0540, 17.7100

Conversions

Conversions Part 2

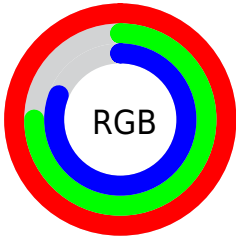
Format	Color
R_{YB}	255, 192, 206
Decimal	16761038
CIE Lab	83.66, 24.59, 1.82
CIE LCh	84, 24.659, 4.231
Yxy	63.4155, 0.3535, 0.3147
Android (android.graphics.Color)	4294951118 (0xFFFFC0CE)
YUV	212.4330, -3.1715, 37.3313
Hunter-Lab	79.6338, 20.3039, 5.9503

Details

The XYZ color **71.2302, 63.4155, 66.8787** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.3777, 89.0784, 96.5494**, and the grayscale version is **62.8738, 66.1482, 72.0353**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **37.7819, 32.3143, 33.9517** is the 20% darker color. If you saturate the color by 10%, you get **63.8491, 52.2691, 53.2710**, and if you desaturate by 10%, it is **79.8885, 76.6291, 82.4139**.

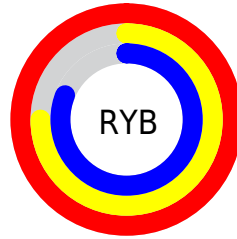
Distribution



Red (100%)

Green (75%)

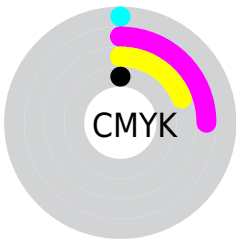
Blue (81%)



Red (100%)

Yellow (75%)

Blue (81%)

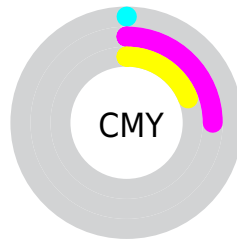


Cyan (0%)

Magenta (25%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.2302, 63.4155, 66.8787 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 71.2302, 63.4155, 66.8787 by changing the saturation by 10% instead.


 71.2302, 63.4155,
66.8787

 71.2302, 63.4155,
66.8787


454.0571,
437.0759, 468.0026

 52.8133, 46.1774,
48.5251


 119.9782,
109.7687, 116.3856

 37.8806, 32.3859,
33.8800


151.0400,
139.6527, 148.3759

 26.0668, 21.6564,
22.5248


187.0474,
174.5207, 185.7489

 17.0066, 13.6046,
14.0410

228.3659,
214.7572, 228.9231

 10.3345, 7.8462,
8.0101

275.3607,
260.7466, 278.3170

 5.6853, 3.9967,
4.0136


328.3973,

 2.6935, 1.6717,


312.8732, 334.3492


1.6328


387.8410,
371.5215, 397.4382


 0.9938, 0.4052,
0.3141


 0.0000, 0.0000,
0.0000


 71.2302, 63.4155,
66.8787

 71.2302, 63.4155,
66.8787

 63.8491, 52.2691,
53.2710


 79.8885, 76.6291,
82.4139

 57.6792, 43.0770,
41.5108

 89.8765, 91.9985,
99.9446

 52.6557, 35.7281,
31.5182

95.0500, 100.0000,
108.9000

 48.7055, 30.0969,
23.2057

■ 45.7468, 26.0421,
16.4779

■ 43.6857, 23.3994,
11.2293

■ 42.4083, 21.9681,
7.3402

■ 41.9699, 21.5520,
5.7735

Harmonies

Analogous

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



70.1139, 63.4155, 82.7958



71.2302, 63.4155, 66.8787



69.2703, 63.4155, 53.6397

Triad

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



71.2302, 63.4155, 66.8787



54.6220, 63.4155, 47.2714



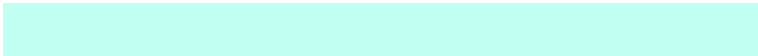
55.8735, 63.4155, 99.4289

Complementary

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



71.2302, 63.4155, 66.8787



73.3777, 89.0784, 96.5494

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.



52.0934, 63.4155, 87.1576



71.2302, 63.4155, 66.8787



51.4017, 63.4155, 56.9143

Square

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



71.2302, 63.4155, 66.8787



59.5120, 63.4155, 43.4427



50.5041, 63.4155, 71.2651



61.0436, 63.4155, 103.1408

Rectangle

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



71.2302, 63.4155, 66.8787



66.5477, 63.4155, 47.6279



50.5041, 63.4155, 71.2651



54.4085, 63.4155, 96.0867

Sweetspot

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



71.2317, 63.4183, 66.8800



87.4621, 88.2731, 95.7384



72.9386, 63.5001, 103.0202



18.5872, 18.6887, 20.2592



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.



71.2317, 63.4183, 66.8800



67.1666, 57.2627, 59.4369



73.5077, 70.5711, 59.6201



18.1746, 18.0531, 19.5365



21.9755, 11.2795, 3.2556



2.1785, 1.1138, 0.5215

Inverse Universe

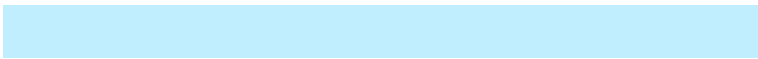
The Inverse Universe completely reimagines the original color for something new.



71.2317, 63.4183, 66.8800



67.1666, 57.2627, 59.4369



70.4231, 79.6938, 106.2785



18.1746, 18.0531, 19.5365



21.9755, 11.2795, 3.2556



2.1785, 1.1138, 0.5215

Previews

White Background



This preview shows how the XYZ color 71.2302, 63.4155, 66.8787 looks on a white background.

Color Contrast Check

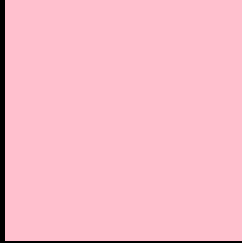
Large Text (above 18pt) WCAG AA × Fail

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 71.2302, 63.4155, 66.8787 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 71.2302, 63.4155, 66.8787

Background



This preview shows how black text looks on a background with the XYZ color 71.2302, 63.4155, 66.8787.



This preview shows how white text looks on a background with the XYZ color 71.2302, 63.4155,

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

71.2302, 63.4155, 66.8787

Protanopia

61.6856, 63.8669, 73.3663

Deuteranopia

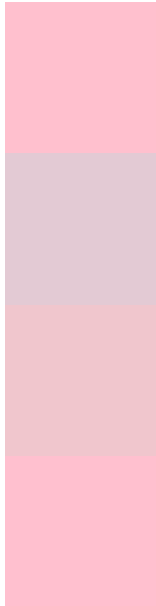
64.9746, 63.5896, 65.9762



Tritanopia

71.3521, 63.4643, 67.5206

Trichromacy



Original Color

71.2302, 63.4155, 66.8787

Protanomaly

64.6827, 63.3254, 71.1012

Deuteranomaly

67.1487, 63.3212, 66.4407

Tritanomaly

71.3521, 63.4643, 67.5206

Monochromacy



Original Color

71.2302, 63.4155, 66.8787

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

65.4591, 64.8098, 70.0322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2302, 63.4155, 66.8787 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, 192, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 206)  
}
```

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, 192, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 206) }
```

Border

The CSS property to change the border of an element to XYZ 71.2302, 63.4155, 66.8787 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, 192, 206) }
```


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

```
.border{ border-color:rgb(255, 192, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2302, 63.4155, 66.8787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 206) }
```

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

```
.background{ background-color: rgb(255,  
192, 206) }
```

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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