

Converting Colors

XYZ(78.6414, 67.9780, 64.6215)

Have a look what the booklet for
XYZ(78.6414, 67.9780, 64.6215)
contains.

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Color

**XYZ(71.1925, 64.1078,
64.4989)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2CA
RGB	255, 194, 202
RGB Percent	100%, 76%, 79%
CMY	0.0000, 0.2392, 0.2078
CMYK	0.00, 0.24, 0.21, 0.00
HSL	352°, 100%, 88%
HSV	352°, 24%, 100%
XYZ	71.1925, 64.1078, 64.4989
YIQ	213.1510, 33.7880, 15.4200

Conversions

Conversions Part 2

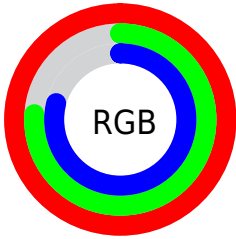
Format	Color
R _{YB}	255, 194, 202
Decimal	16761546
CIE _{Lab}	84.02, 22.95, 4.48
CIE _{LCh}	84, 23.388, 11.051
Yxy	64.1078, 0.3563, 0.3209
Android (android.graphics.Color)	4294951626 (0xFFFFC2CA)
YUV	213.1510, -5.4974, 36.7016
Hunter-Lab	80.0673, 18.5968, 8.2856

Details

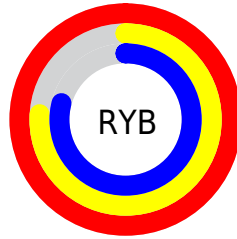
The XYZ color **71.1925, 64.1078, 64.4989** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.7989, 89.7058, 101.3721**, and the grayscale version is **63.3680, 66.6680, 72.6015**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **37.7493, 32.7646, 32.3516** is the 20% darker color. If you saturate the color by 10%, you get **63.5586, 52.7414, 49.9269**, and if you desaturate by 10%, it is **80.1798, 77.5779, 81.3820**.

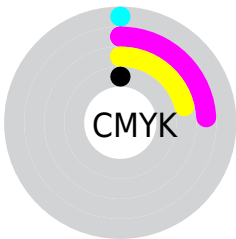
Distribution



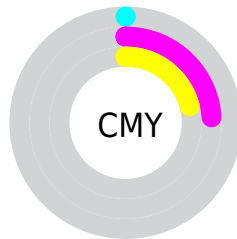
- Red (100%)
- Green (76%)
- Blue (79%)



- 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 71.1925, 64.1078, 64.4989 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 71.1925, 64.1078, 64.4989 by changing the saturation by 10% instead.


 71.1925, 64.1078,
64.4989

 71.1925, 64.1078,
64.4989


453.9275,
439.5788, 459.2459

 52.7824, 46.7380,
46.6061


 119.9248,
110.7662, 112.9355

 37.8559, 32.8286,
32.3723


150.9777,
140.8235, 144.3164

 26.0476, 21.9952,
21.3788


186.9756,
175.8788, 181.0304

 16.9921, 13.8533,
13.2073

228.2839,
216.3165, 223.4960

 10.3241, 8.0187,
7.4390

275.2679,
262.5210, 272.1318

 5.6783, 4.1069,
3.6556

328.2929,

 2.6893, 1.7336,

314.8766, 327.3564

1.4384

387.7243,
373.7677, 389.5882

■ 0.9916, 0.4452,
0.1714

■ 0.0000, 0.0000,
0.0000

■ 71.1925, 64.1078,
64.4989

■ 71.1925, 64.1078,
64.4989

■ 63.5586, 52.7414,
49.9269

■ 80.1798, 77.5779,
81.3820

■ 57.2080, 43.3646,
37.5615

■ 90.5774, 93.2417,
100.6669

■ 52.0710, 35.8650,
27.2957

95.0500, 100.0000,
108.9000

■ 48.0693, 30.1160,
19.0122

■ 45.1155, 25.9749,
12.5819

■ 43.1091, 23.2767,
7.8603

■ 41.9291, 21.8205,
4.6806

■ 41.5205, 21.3722,
3.4072

Harmonies

Analogous

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



70.8011, 64.1078, 79.4367



71.1925, 64.1078, 64.4989



68.7209, 64.1078, 52.7631

Triad

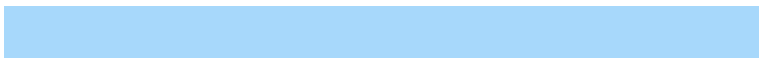
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.1925, 64.1078, 64.4989



54.6493, 64.1078, 50.5011



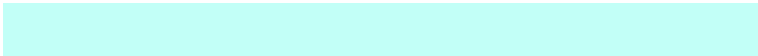
57.7688, 64.1078, 100.2563

Complementary

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



71.1925, 64.1078, 64.4989



74.7989, 89.7058, 101.3721

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.



53.7561, 64.1078, 90.1643



71.1925, 64.1078, 64.4989



52.0265, 64.1078, 60.9805

Square

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



71.1925, 64.1078, 64.4989



59.0514, 64.1078, 45.4746



51.7090, 64.1078, 75.3891



62.8532, 64.1078, 101.5506

Rectangle

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



71.1925, 64.1078, 64.4989



65.8595, 64.1078, 47.7836



51.7090, 64.1078, 75.3891



56.2576, 64.1078, 97.7199

Sweetspot

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



71.1940, 64.1106, 64.5002



87.2201, 88.1763, 94.4640



75.6542, 65.5563, 103.2740



18.5314, 18.6663, 19.9649



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.



71.1940, 64.1106, 64.5002



67.1498, 58.0784, 56.8135



75.6292, 74.4571, 61.4281



18.1063, 18.0258, 19.1768



21.7250, 11.1793, 1.9364



2.1439, 1.0999, 0.3393

Inverse Universe

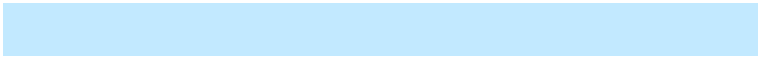
The Inverse Universe completely reimagines the original color for something new.



71.1940, 64.1106, 64.5002



67.1498, 58.0784, 56.8135



69.3355, 76.7618, 105.7699



18.1063, 18.0258, 19.1768



21.7250, 11.1793, 1.9364



2.1439, 1.0999, 0.3393

Previews

White Background



This preview shows how the XYZ color 71.1925, 64.1078, 64.4989 looks on a white background.

Color Contrast Check

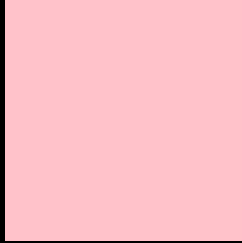
Large Text (above 18pt) WCAG AA × Fail

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 71.1925, 64.1078, 64.4989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

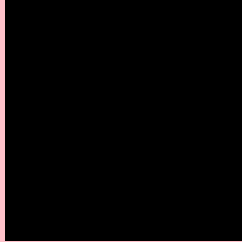
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.1925, 64.1078, 64.4989

Background



This preview shows how black text looks on a background with the XYZ color 71.1925, 64.1078, 64.4989.



This preview shows how white text looks on a background with the XYZ color 71.1925, 64.1078,

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

71.1925, 64.1078, 64.4989

Protanopia

61.8739, 64.4002, 70.1421

Deuteranopia

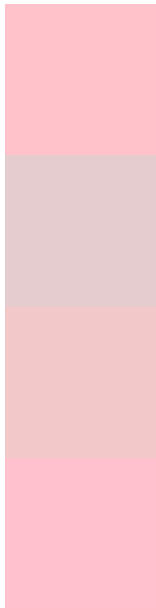
65.7129, 64.3744, 63.6056



Tritanopia

71.6951, 63.9540, 68.2401

Trichromacy



Original Color

71.1925, 64.1078, 64.4989

Protanomaly

64.8503, 64.1847, 68.0024

Deuteranomaly

67.8148, 64.4028, 64.1151

Tritanomaly

71.4505, 63.8562, 66.9521

Monochromacy



Original Color

71.1925, 64.1078, 64.4989

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 71.1925, 64.1078, 64.4989 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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, 194, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 202) }
```

Border

The CSS property to change the border of an element to XYZ 71.1925, 64.1078, 64.4989 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, 202) }
```


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

```
.border{ border-color:rgb(255, 194, 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, 194, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1925, 64.1078, 64.4989 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, 202) }
```

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

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