

Converting Colors

XYZ(94.2619, 76.0039, 70.6617)

Have a look what the booklet for
XYZ(94.2619, 76.0039, 70.6617)
contains.

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Color

**XYZ(72.1646, 64.4967,
69.6184)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2D2
RGB	255, 194, 210
RGB Percent	100%, 76%, 82%
CMY	0.0000, 0.2392, 0.1765
CMYK	0.00, 0.24, 0.18, 0.00
HSL	344°, 100%, 88%
HSV	344°, 24%, 100%
XYZ	72.1646, 64.4967, 69.6184
YIQ	214.0630, 31.2200, 17.9080

Conversions

Conversions Part 2

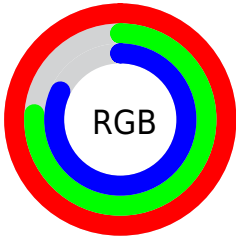
Format	Color
R _Y B	255, 194, 210
Decimal	16761554
CIE Lab	84.22, 24.14, 0.50
CIE LCh	84, 24.147, 1.186
Yxy	64.4967, 0.3498, 0.3127
Android (android.graphics.Color)	4294951634 (0xFFFFC2D2)
YUV	214.0630, -2.0031, 35.9017
Hunter-Lab	80.3098, 19.8538, 4.8200

Details

The XYZ color **72.1646, 64.4967, 69.6184** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.5904, 89.2224, 95.0081**, and the grayscale version is **63.9586, 67.2895, 73.2782**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **38.4048, 33.0268, 35.8031** is the 20% darker color. If you saturate the color by 10%, you get **64.7610, 53.2224, 56.2587**, and if you desaturate by 10%, it is **80.8207, 77.8343, 84.7566**.

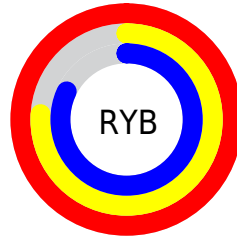
Distribution



Red (100%)

Green (76%)

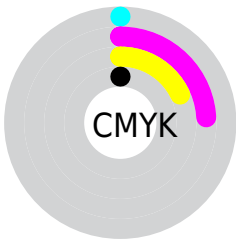
Blue (82%)



Red (100%)

Yellow (76%)

Blue (82%)

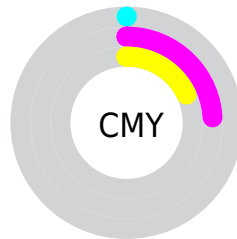


Cyan (0%)

Magenta (24%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1646, 64.4967, 69.6184 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 72.1646, 64.4967, 69.6184 by changing the saturation by 10% instead.


 72.1646, 64.4967,
69.6184

 72.1646, 64.4967,
69.6184


457.2631,
440.9811, 477.9619

 53.5791, 47.0531,
50.7406


 121.3001,
111.3260, 120.3404

 38.4946, 33.0776,
35.6269


152.5807,
141.4804, 153.0217

 26.5457, 22.1859,
23.8588


188.8238,
176.6406, 191.1413

 17.3672, 13.9936,
15.0177

230.3947,
217.1908, 235.1177

 10.5935, 8.1162,
8.6850

277.6587,
263.5156, 285.3694

 5.8595, 4.1694,
4.4423

330.9812,

 2.7997, 1.7688,

315.9994, 342.3149

1.8710

390.7275,
375.0264, 406.3729

■ 1.0487, 0.4676,
0.4742

■ 0.0000, 0.0000,
0.0000

■ 72.1646, 64.4967,
69.6184

■ 72.1646, 64.4967,
69.6184

■ 64.7610, 53.2224,
56.2587

■ 80.8207, 77.8343,
84.7566

■ 58.5459, 43.8998,
44.6070

■ 90.7797, 93.3227,
101.7323

■ 53.4568, 36.4194,
34.5935

95.0500, 100.0000,
108.9000

■ 49.4233, 30.6576,
26.1421

■ 46.3667, 26.4753,
19.1703

■ 44.1966, 23.7117,
13.5871

■ 42.8044, 22.1707,
9.2898

■ 42.2493, 21.6637,
7.2448

Harmonies

Analogous

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



70.7573, 64.4967, 85.3922



72.1646, 64.4967, 69.6184



70.5235, 64.4967, 56.0579

Triad

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



72.1646, 64.4967, 69.6184



56.1318, 64.4967, 47.9312



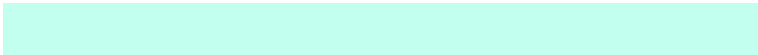
56.4800, 64.4967, 99.3081

Complementary

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



72.1646, 64.4967, 69.6184



73.5904, 89.2224, 95.0081

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.



52.9219, 64.4967, 86.6001



72.1646, 64.4967, 69.6184



52.7292, 64.4967, 56.9710

Square

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



72.1646, 64.4967, 69.6184



61.0897, 64.4967, 44.7129



51.5884, 64.4967, 70.8370



61.5152, 64.4967, 103.9633

Rectangle

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



72.1646, 64.4967, 69.6184



67.9738, 64.4967, 49.6938



51.5884, 64.4967, 70.8370



55.0821, 64.4967, 95.7534

Sweetspot

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



72.1662, 64.4995, 69.6197



87.5693, 88.3159, 96.3027



72.8503, 64.1109, 103.1428



18.6120, 18.6986, 20.3895



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.



72.1662, 64.4995, 69.6197



68.2512, 58.5190, 62.6134



73.5923, 70.3832, 60.7492



18.2049, 18.0653, 19.6962



22.1278, 11.3404, 4.0577



2.1971, 1.1212, 0.6194

Inverse Universe

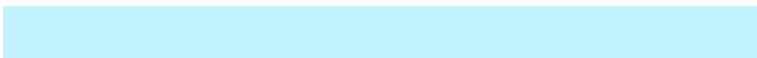
The Inverse Universe completely reimagines the original color for something new.



72.1662, 64.4995, 69.6197



68.2512, 58.5190, 62.6134



71.6864, 81.4635, 106.5535



18.2049, 18.0653, 19.6962



22.1278, 11.3404, 4.0577



2.1971, 1.1212, 0.6194

Previews

White Background



This preview shows how the XYZ color 72.1646, 64.4967, 69.6184 looks on a white background.

Color Contrast Check

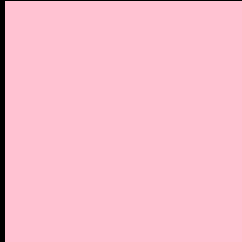
Large Text (above 18pt) WCAG AA × Fail

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 72.1646, 64.4967, 69.6184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

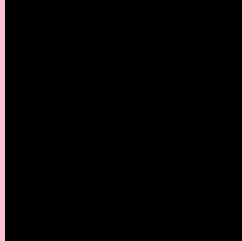
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1646, 64.4967, 69.6184

Background



This preview shows how black text looks on a background with the XYZ color 72.1646, 64.4967, 69.6184.



This preview shows how white text looks on a background with the XYZ color 72.1646, 64.4967,

69.6184.

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

72.1646, 64.4967, 69.6184

Protanopia

62.7380, 64.7125, 76.2019

Deuteranopia

65.9330, 64.7287, 68.6934



Tritanopia

72.0404, 64.4470, 68.9642

Trichromacy



Original Color

72.1646, 64.4967, 69.6184

Protanomaly

65.9824, 64.6376, 73.9644

Deuteranomaly

68.0981, 64.4373, 69.1701

Tritanomaly

72.0404, 64.4470, 68.9642

Monochromacy



Original Color

72.1646, 64.4967, 69.6184

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.6362, 66.0878, 72.1949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1646, 64.4967, 69.6184 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 210) }
```

Border

The CSS property to change the border of an element to XYZ 72.1646, 64.4967, 69.6184 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, 210) }
```


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

```
.border{ border-color:rgb(255, 194, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1646, 64.4967, 69.6184 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, 210) }
```

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

```
.background{ background-color: rgb(255,  
194, 210) }
```

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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