

Converting Colors

XYZ(71.8104, 64.2839, 67.9726)

Have a look what the booklet for
XYZ(71.8104, 64.2839, 67.9726)
contains.

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Color

**XYZ(71.7943, 64.3486,
67.6680)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2CF
RGB	255, 194, 207
RGB Percent	100%, 76%, 81%
CMY	0.0000, 0.2392, 0.1882
CMYK	0.00, 0.24, 0.19, 0.00
HSL	347°, 100%, 88%
HSV	347°, 24%, 100%
XYZ	71.7943, 64.3486, 67.6680
YIQ	213.7210, 32.1830, 16.9750

Conversions

Conversions Part 2

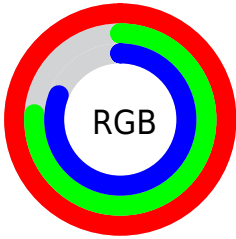
Format	Color
R _Y B	255, 194, 207
Decimal	16761551
CIE Lab	84.15, 23.69, 1.99
CIE LCh	84, 23.775, 4.805
Yxy	64.3486, 0.3523, 0.3157
Android (android.graphics.Color)	4294951631 (0xFFFFC2CF)
YUV	213.7210, -3.3135, 36.2017
Hunter-Lab	80.2176, 19.3758, 6.1379

Details

The XYZ color **71.7943, 64.3486, 67.6680** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.0375, 89.4013, 97.3623**, and the grayscale version is **63.7368, 67.0561, 73.0241**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **38.1538, 32.9264, 34.4815** is the 20% darker color. If you saturate the color by 10%, you get **64.2989, 53.0376, 53.8251**, and if you desaturate by 10%, it is **80.5784, 77.7374, 83.4804**.

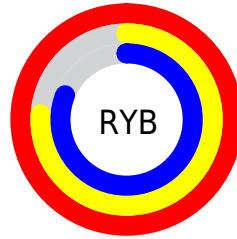
Distribution



Red (100%)

Green (76%)

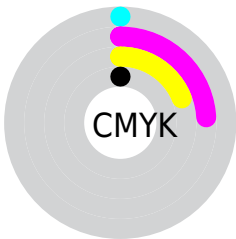
Blue (81%)



Red (100%)

Yellow (76%)

Blue (81%)

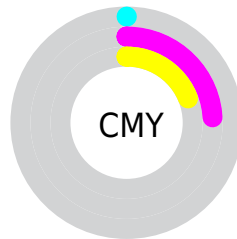


Cyan (0%)

Magenta (24%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.7943, 64.3486, 67.6680 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 71.7943, 64.3486, 67.6680 by changing the saturation by 10% instead.


 71.7943, 64.3486,
67.6680

 71.7943, 64.3486,
67.6680

455.9941,
440.4474, 470.8849

 53.2755, 46.9331,
49.1627


 120.7764,
111.1128, 117.5268

 38.2511, 32.9828,
34.3820


151.9705,
141.2303, 149.7173

 26.3557, 22.1132,
22.9075


188.1203,
176.3506, 187.3067

 17.2240, 13.9401,
14.3206

229.5913,
216.8580, 230.7135

 10.4907, 8.0790,
8.2027

276.7489,
263.1370, 280.3561

 5.7902, 4.1456,
4.1353

329.9583,

 2.7574, 1.7553,

315.5720, 336.6532

1.6998

389.5849,
374.5473, 400.0233

■ 1.0268, 0.4591,
0.3606

■ 0.0000, 0.0000,
0.0000

■ 71.7943, 64.3486,
67.6680

■ 71.7943, 64.3486,
67.6680

■ 64.2989, 53.0376,
53.8251

■ 80.5784, 77.7374,
83.4804

■ 58.0262, 43.6919,
41.8699

■ 90.7037, 93.2924,
101.3320

■ 52.9112, 36.2012,
31.7204

95.0500, 100.0000,
108.9000

■ 48.8811, 30.4407,
23.2869

■ 45.8542, 26.2704,
16.4718

■ 43.7371, 23.5279,
11.1672

■ 42.4172, 22.0158,
7.2507

■ 41.9136, 21.5294,
5.4772

Harmonies

Analogous

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



70.7690, 64.3486, 83.1212



71.7943, 64.3486, 67.6680



69.8400, 64.3486, 54.8093

Triad

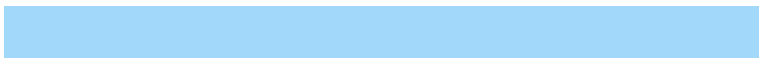
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.7943, 64.3486, 67.6680



55.5726, 64.3486, 48.8862



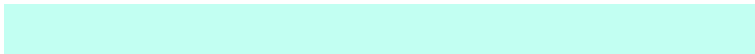
56.9596, 64.3486, 99.6515

Complementary

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



71.7943, 64.3486, 67.6680



74.0375, 89.4013, 97.3623

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.



53.2333, 64.3486, 87.9168



71.7943, 64.3486, 67.6680



52.4653, 64.3486, 58.4524

Square

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



71.7943, 64.3486, 67.6680



60.3187, 64.3486, 45.0007



51.6339, 64.3486, 72.5173



62.0119, 64.3486, 103.0427

Rectangle

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



71.7943, 64.3486, 67.6680



67.1727, 64.3486, 48.9749



51.6339, 64.3486, 72.5173



55.5199, 64.3486, 96.4770

Sweetspot

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



71.7958, 64.3514, 67.6693



87.4378, 88.2633, 95.6104



73.8873, 64.6455, 103.1913



18.5816, 18.6864, 20.2296



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.



71.7958, 64.3514, 67.6693



67.8298, 58.3504, 60.3942



74.3441, 71.8870, 60.9998



18.1677, 18.0504, 19.5003



21.9446, 11.2671, 3.0929



2.1746, 1.1122, 0.5008

Inverse Universe

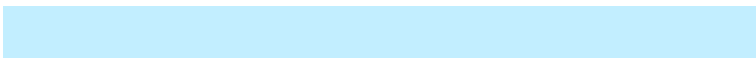
The Inverse Universe completely reimagines the original color for something new.



71.7958, 64.3514, 67.6693



67.8298, 58.3504, 60.3942



70.7924, 79.6754, 106.2555



18.1677, 18.0504, 19.5003



21.9446, 11.2671, 3.0929



2.1746, 1.1122, 0.5008

Previews

White Background



This preview shows how the XYZ color 71.7943, 64.3486, 67.6680 looks on a white background.

Color Contrast Check

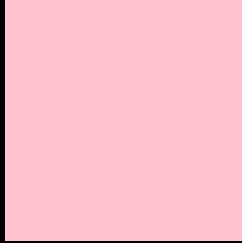
Large Text (above 18pt) WCAG AA × Fail

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 71.7943, 64.3486, 67.6680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

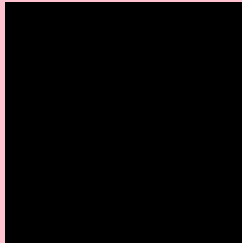
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7943, 64.3486, 67.6680

Background



This preview shows how black text looks on a background with the XYZ color 71.7943, 64.3486, 67.6680.



This preview shows how white text looks on a background with the XYZ color 71.7943, 64.3486,

67.6680.

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

71.7943, 64.3486, 67.6680

Protanopia

62.3465, 64.5558, 74.1403

Deuteranopia

65.6541, 64.2755, 66.7037



Tritanopia

72.0404, 64.4470, 68.9642

Trichromacy



Original Color

71.7943, 64.3486, 67.6680

Protanomaly

65.5980, 64.4838, 71.9400

Deuteranomaly

67.7300, 64.2900, 67.2320

Tritanomaly

71.9170, 64.3976, 68.3141

Monochromacy



Original Color

71.7943, 64.3486, 67.6680

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.3838, 65.9868, 70.8659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7943, 64.3486, 67.6680 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 207) }
```

Border

The CSS property to change the border of an element to XYZ 71.7943, 64.3486, 67.6680 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, 207) }
```


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

```
.border{ border-color:rgb(255, 194, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 194, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 194, 207); box-shadow:4px 4px 4px 4px rgb(255, 194, 207) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7943, 64.3486, 67.6680 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, 207) }
```

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

```
.background{ background-color: rgb(255,  
194, 207) }
```

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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