

Converting Colors

XYZ(71.9343, 64.0658, 70.9596)

Have a look what the booklet for
XYZ(71.9343, 64.0658, 70.9596)
contains.

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Color

**XYZ(71.8267, 63.9642,
70.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC1D4
RGB	254, 193, 212
RGB Percent	100%, 76%, 83%
CMY	0.0039, 0.2431, 0.1686
CMYK	0.00, 0.24, 0.17, 0.00
HSL	341°, 97%, 88%
HSV	341°, 24%, 100%
XYZ	71.8267, 63.9642, 70.8480
YIQ	213.4050, 30.2570, 18.8410

Conversions

Conversions Part 2

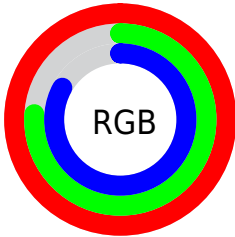
Format	Color
RYB	254, 193, 212
Decimal	16695764
CIELab	83.95, 24.62, -0.99
CIELCh	84, 24.641, 357.708
Yxy	63.9642, 0.3476, 0.3095
Android (android.graphics.Color)	4294885844 (0xFFFE1D4)
YUV	213.4050, -0.6927, 35.6018
Hunter-Lab	79.9776, 20.3473, 3.4624

Details

The XYZ color **71.8267, 63.9642, 70.8480** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.4322, 88.2209, 91.8123**, and the grayscale version is **63.5088, 66.8162, 72.7628**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **38.3444, 32.7699, 36.2025** is the 20% darker color. If you saturate the color by 10%, you get **64.5985, 52.8490, 58.1368**, and if you desaturate by 10%, it is **80.2618, 77.1093, 85.1422**.

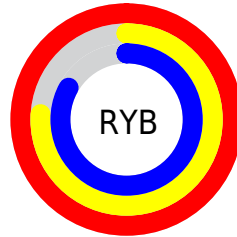
Distribution



Red (100%)

Green (76%)

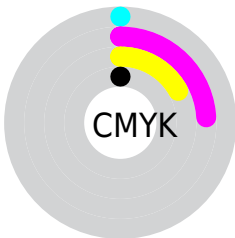
Blue (83%)



Red (100%)

Yellow (76%)

Blue (83%)

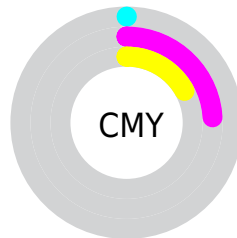


Cyan (0%)

Magenta (24%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.8267, 63.9642, 70.8480 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 71.8267, 63.9642, 70.8480 by changing the saturation by 10% instead.


 71.8267, 63.9642,
70.8480

 71.8267, 63.9642,
70.8480


456.1052,
439.0603, 482.3912

 53.3021, 46.6217,
51.7371


 120.8222,
110.5594, 122.1097

 38.2724, 32.7367,
36.4148


152.0239,
140.5808, 155.0976

 26.3724, 21.9248,
24.4625


188.1819,
175.5974, 193.5482

 17.2366, 13.8017,
15.4617


229.6617,
215.9934, 237.8801

 10.4996, 7.9828,
8.9938

276.8285,
262.1533, 288.5118

 5.7963, 4.0840,
4.6404

330.0478,

 2.7611, 1.7206,

314.4615, 345.8619

1.9828

389.6849,
373.3024, 410.3488

■ 1.0287, 0.4370,
0.5447

■ 0.0000, 0.0000,
0.0000

■ 71.8267, 63.9642,
70.8480

■ 71.8267, 63.9642,
70.8480

■ 64.5985, 52.8490,
58.1368

■ 80.2618, 77.1093,
85.1422

■ 58.5150, 43.6535,
46.9481

■ 89.9514, 92.3700,
101.0686

■ 53.5163, 36.2701,
37.2235

94.6834, 99.8110,
108.8828

■ 49.5349, 30.5770,
28.8988

■ 46.4950, 26.4373,
21.9046

■ 44.3099, 23.6926,
16.1648

■ 42.8744, 22.1494,
11.5932

■ 42.2884, 21.6370,
9.3641

Harmonies

Analogous

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



70.0478, 63.9642, 86.8576



71.8267, 63.9642, 70.8480



70.5073, 63.9642, 56.6580

Triad

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



71.8267, 63.9642, 70.8480



56.0735, 63.9642, 46.4029



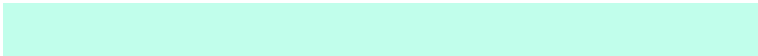
55.3915, 63.9642, 98.0773

Complementary

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



71.8267, 63.9642, 70.8480



72.4322, 88.2209, 91.8123

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.



52.0201, 63.9642, 84.4814



71.8267, 63.9642, 70.8480



52.3971, 63.9642, 54.8733

Square

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



71.8267, 63.9642, 70.8480



61.2143, 63.9642, 43.8558



50.9568, 63.9642, 68.4579



60.3797, 63.9642, 103.9668

Rectangle

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



71.8267, 63.9642, 70.8480



68.0895, 63.9642, 49.8012



50.9568, 63.9642, 68.4579



54.0430, 63.9642, 94.1663

Sweetspot

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



71.8285, 63.9671, 70.8493



87.7014, 88.3688, 96.9983



71.1181, 62.9071, 102.1607



18.6425, 18.7108, 20.5503



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.



71.8285, 63.9671, 70.8493



68.6827, 58.6916, 64.8856



72.1374, 68.1969, 59.8168



18.2423, 18.0802, 19.8933



22.3528, 11.4304, 5.2424



2.2231, 1.1316, 0.7562

Inverse Universe

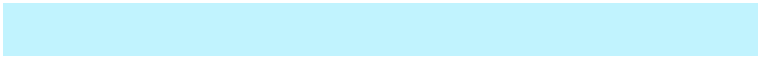
The Inverse Universe completely reimagines the original color for something new.



71.8285, 63.9671, 70.8493



68.6827, 58.6916, 64.8856



71.8797, 82.4867, 105.8998



18.2423, 18.0802, 19.8933



22.3528, 11.4304, 5.2424



2.2231, 1.1316, 0.7562

Previews

White Background



This preview shows how the XYZ color 71.8267, 63.9642, 70.8480 looks on a white background.

Color Contrast Check

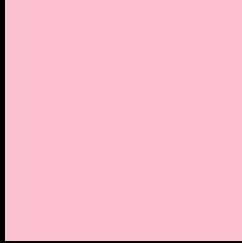
Large Text (above 18pt) WCAG AA × Fail

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 71.8267, 63.9642, 70.8480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

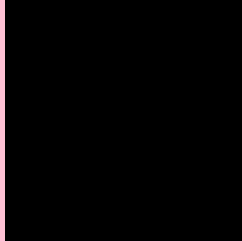
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8267, 63.9642, 70.8480

Background



This preview shows how black text looks on a background with the XYZ color 71.8267, 63.9642, 70.8480.



This preview shows how white text looks on a background with the XYZ color 71.8267, 63.9642,

70.8480.

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

71.8267, 63.9642, 70.8480

Protanopia

62.1854, 64.0338, 77.4889

Deuteranopia

65.3019, 64.0230, 69.8887



Tritanopia

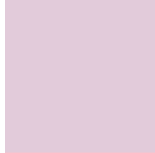
71.6735, 64.2579, 68.9470

Trichromacy



Original Color

71.8267, 63.9642, 70.8480



Protanomaly

65.3749, 63.9426, 75.2262



Deuteranomaly

67.4412, 63.7271, 70.3740



Tritanomaly

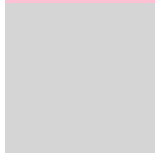
71.7977, 64.3075, 69.6012

Monochromacy



Original Color

71.8267, 63.9642, 70.8480



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.0765, 65.4407, 72.0995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8267, 63.9642, 70.8480 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(254, 193, 212)` looks like.

```
.text, #text, p{  
    color:rgb(254, 193, 212)  
}
```

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(254, 193, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 193, 212) }
```

Border

The CSS property to change the border of an element to XYZ 71.8267, 63.9642, 70.8480 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(254, 193, 212) }
```


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

```
.border{ border-color:rgb(254, 193, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 193, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 193, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 193, 212);  
box-shadow:4px 4px 4px 4px rgb(254, 193,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8267, 63.9642, 70.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 193, 212) }
```

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

```
.background{ background-color: rgb(254,  
193, 212) }
```

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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