

Converting Colors

XYZ(70.9647, 64.0469, 67.7385)

Have a look what the booklet for
XYZ(70.9647, 64.0469, 67.7385)
contains.

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Color

**XYZ(70.6992, 63.7840,
67.6168)**

Conversions

Conversions Part 1

Format	Color
Hex	FCC2CF
RGB	252, 194, 207
RGB Percent	99%, 76%, 81%
CMY	0.0118, 0.2392, 0.1882
CMYK	0.00, 0.23, 0.18, 0.01
HSL	347°, 91%, 87%
HSV	347°, 23%, 99%
XYZ	70.6992, 63.7840, 67.6168
YIQ	212.8240, 30.3950, 16.3390

Conversions

Conversions Part 2

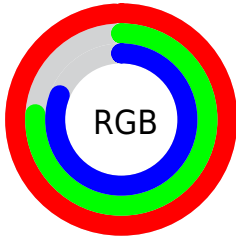
Format	Color
RYB	252, 194, 207
Decimal	16564943
CIELab	83.85, 22.63, 1.53
CIELCh	84, 22.682, 3.863
Yxy	63.7840, 0.3498, 0.3156
Android (android.graphics.Color)	4294755023 (0xFFFC2CF)
YUV	212.8240, -2.8712, 34.3574
Hunter-Lab	79.8649, 18.2509, 5.7081

Details

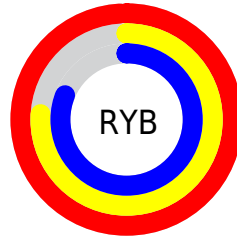
The XYZ color **70.6992, 63.7840, 67.6168** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.6412, 87.3238, 94.6922**, and the grayscale version is **63.1341, 66.4220, 72.3335**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **37.6335, 32.6582, 34.4571** is the 20% darker color. If you saturate the color by 10%, you get **63.3148, 52.6065, 54.0826**, and if you desaturate by 10%, it is **79.3343, 76.9877, 83.0300**.

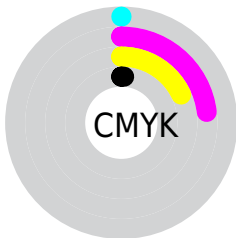
Distribution



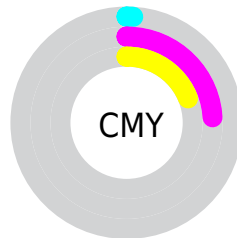
- Red (99%)
- Green (76%)
- Blue (81%)



- Red (99%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (23%)
- Yellow (18%)
- Black (1%)





- Cyan (1%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.6992, 63.7840, 67.6168 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 70.6992, 63.7840, 67.6168 by changing the saturation by 10% instead.


 70.6992, 63.7840,
67.6168

 70.6992, 63.7840,
67.6168


452.2294,
438.4092, 470.6983

 52.3784, 46.4758,
49.1213


 119.2262,
110.2998, 117.4528

 37.5323, 32.6214,
34.3494


150.1631,
140.2761, 149.6304

 25.7954, 21.8366,
22.8826


186.0360,
175.2440, 187.2058

 16.8025, 13.7369,
14.3024

227.2104,
215.5877, 230.5975

 10.1882, 7.9379,
8.1901

274.0516,
261.6917, 280.2240

 5.5872, 4.0552,
4.1273


326.9249,

 2.6340, 1.7045,


313.9403, 336.5040


1.6955

386.1958,
372.7180, 399.8559


 0.9633, 0.4266,
0.3576


 0.0000, 0.0000,
0.0000


 70.6992, 63.7840,
67.6168


 70.6992, 63.7840,
67.6168


 63.3148, 52.6065,
54.0826


 79.3343, 76.9877,
83.0300

 57.1169, 43.3462,
42.3507

 89.2694, 92.3021,
100.3868

 52.0439, 35.8972,
32.3447

 93.9552, 99.4356,
108.8488

 48.0260, 30.1398,
23.9814

■ 44.9856, 25.9397,
17.1702

■ 42.8340, 23.1420,
11.8112

■ 41.4647, 21.5594,
7.7915

■ 40.8705, 20.9857,
5.6982

Harmonies

Analogous

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



69.6428, 63.7840, 82.2571



70.6992, 63.7840, 67.6168



68.9369, 63.7840, 55.2500

Triad

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



70.6992, 63.7840, 67.6168



55.4394, 63.7840, 49.0593



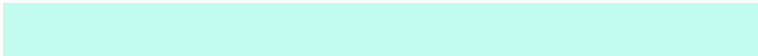
56.4999, 63.7840, 97.1222

Complementary

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



70.6992, 63.7840, 67.6168



72.6412, 87.3238, 94.6922

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.



53.0092, 63.7840, 85.8956



70.6992, 63.7840, 67.6168



52.4209, 63.7840, 58.0463

Square

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



70.6992, 63.7840, 67.6168



59.9813, 63.7840, 45.5050



51.5560, 63.7840, 71.3159



61.2729, 63.7840, 100.5948

Rectangle

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



70.6992, 63.7840, 67.6168



66.4544, 63.7840, 49.5564



51.5560, 63.7840, 71.3159



55.1465, 63.7840, 94.0610

Sweetspot

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



70.7010, 63.7869, 67.6181



87.4672, 88.2751, 95.7652



72.2814, 63.8730, 100.6153



18.5884, 18.6891, 20.2654



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.



70.7010, 63.7869, 67.6181



68.6760, 59.5264, 62.2684



72.7998, 70.4235, 60.7986



17.4039, 17.2889, 18.7165



21.3349, 10.9497, 3.2062



2.0141, 1.0294, 0.4979

Inverse Universe

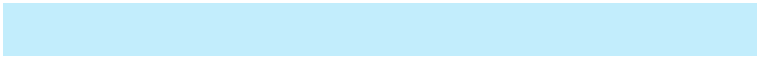
The Inverse Universe completely reimagines the original color for something new.



70.7010, 63.7869, 67.6181



68.6760, 59.5264, 62.2684



69.9704, 78.7982, 103.6180



17.4039, 17.2889, 18.7165



21.3349, 10.9497, 3.2062



2.0141, 1.0294, 0.4979

Previews

White Background



This preview shows how the XYZ color 70.6992, 63.7840, 67.6168 looks on a white background.

Color Contrast Check

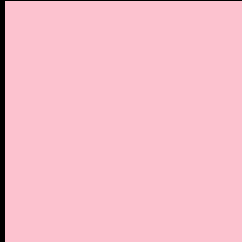
Large Text (above 18pt) WCAG AA × Fail

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 70.6992, 63.7840, 67.6168 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 70.6992, 63.7840, 67.6168

Background



This preview shows how black text looks on a background with the XYZ color 70.6992, 63.7840, 67.6168.



This preview shows how white text looks on a background with the XYZ color 70.6992, 63.7840,

67.6168.

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

70.6992, 63.7840, 67.6168

Protanopia

61.6856, 63.8669, 73.3663

Deuteranopia

65.3304, 64.1086, 66.6885



Tritanopia

70.9453, 63.8825, 68.9129

Trichromacy



Original Color

70.6992, 63.7840, 67.6168

Protanomaly

64.6036, 63.6341, 71.1650

Deuteranomaly

67.3915, 64.1155, 67.2161

Tritanomaly

70.8218, 63.8331, 68.2628

Monochromacy



Original Color

70.6992, 63.7840, 67.6168

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.5077, 65.1767, 70.7557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6992, 63.7840, 67.6168 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(252, 194, 207)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 194, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 194, 207) }
```

Border

The CSS property to change the border of an element to XYZ 70.6992, 63.7840, 67.6168 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(252, 194, 207) }
```


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

```
.border{ border-color:rgb(252, 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(252, 194, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 194, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 194, 207);  
box-shadow:4px 4px 4px 4px rgb(252, 194,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6992, 63.7840, 67.6168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 194, 207) }
```

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

```
.background{ background-color: rgb(252,  
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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