

Converting Colors

XYZ(70.0798, 63.3340, 67.7792)

Have a look what the booklet for
XYZ(70.0798, 63.3340, 67.7792)
contains.

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Color

**XYZ(69.9786, 63.4126,
67.5831)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC2CF
RGB	250, 194, 207
RGB Percent	98%, 76%, 81%
CMY	0.0196, 0.2392, 0.1882
CMYK	0.00, 0.22, 0.17, 0.02
HSL	346°, 85%, 87%
HSV	346°, 22%, 98%
XYZ	69.9786, 63.4126, 67.5831
YIQ	212.2260, 29.2030, 15.9150

Conversions

Conversions Part 2

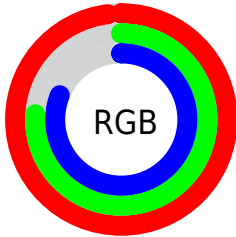
Format	Color
R_{YB}	250, 194, 207
Decimal	16433871
CIE _{Lab}	83.66, 21.92, 1.22
CIE _{LCh}	84, 21.957, 3.190
Yxy	63.4126, 0.3482, 0.3155
Android (android.graphics.Color)	4294623951 (0xFF _{FAC2CF})
YUV	212.2260, -2.5764, 33.1278
Hunter-Lab	79.6320, 17.5052, 5.4234

Details

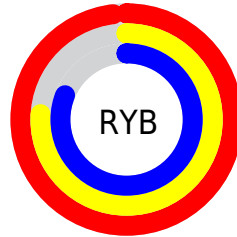
The XYZ color **69.9786, 63.4126, 67.5831** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.7224, 85.9565, 92.9360**, and the grayscale version is **62.7341, 66.0012, 71.8753**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **37.1202, 32.3935, 34.4331** is the 20% darker color. If you saturate the color by 10%, you get **62.6696, 52.3247, 54.2625**, and if you desaturate by 10%, it is **78.5126, 76.4923, 82.7215**.

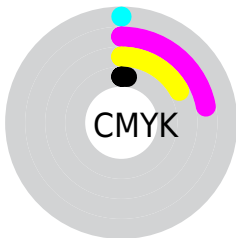
Distribution



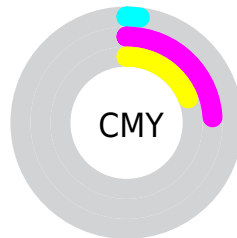
- Red (98%)
- Green (76%)
- Blue (81%)



- Red (98%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (22%)
- Yellow (17%)
- Black (2%)





- Cyan (2%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.9786, 63.4126, 67.5831 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 69.9786, 63.4126, 67.5831 by changing the saturation by 10% instead.


 69.9786, 63.4126,
67.5831

 69.9786, 63.4126,
67.5831


449.7424,
437.0653, 470.5754

 51.7886, 46.1751,
49.0941


 118.2047,
109.7645, 117.4041

 37.0602, 32.3840,
34.3280

148.9715,
139.6478, 149.5732

 25.4280, 21.6550,
22.8663


184.6613,
174.5150, 187.1393

 16.5266, 13.6036,
14.2904

225.6394,
214.7507, 230.5211

 9.9908, 7.8455,
8.1819

272.2712,
260.7391, 280.1371

 5.4551, 3.9962,
4.1221

324.9221,

 2.5541, 1.6715,

312.8648, 336.4057

1.6926

383.9574,
371.5121, 399.7457

■ 0.9226, 0.4051,
0.3556

■ 0.0000, 0.0000,
0.0000

■ 69.9786, 63.4126,
67.5831

■ 69.9786, 63.4126,
67.5831

■ 62.6696, 52.3247,
54.2625

■ 78.5126, 76.4923,
82.7215

■ 56.5232, 43.1222,
42.6865

■ 88.3193, 91.6461,
99.7392

■ 51.4795, 35.7021,
32.7825

■ 93.2346, 99.0641,
108.8150

■ 47.4711, 29.9479,
24.4713

■ 44.4229, 25.7290,
17.6670

■ 42.2491, 22.8953,
12.2749

■ 40.8474, 21.2660,
8.1885

■ 40.1888, 20.6298,
5.8695

Harmonies

Analogous

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



68.9025, 63.4126, 81.6852



69.9786, 63.4126, 67.5831



68.3418, 63.4126, 55.5459

Triad

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



69.9786, 63.4126, 67.5831



55.3527, 63.4126, 49.1791



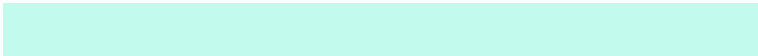
56.1986, 63.4126, 95.4659

Complementary

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



69.9786, 63.4126, 67.5831



71.7224, 85.9565, 92.9360

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.



52.8635, 63.4126, 84.5723



69.9786, 63.4126, 67.5831



52.3936, 63.4126, 57.7820

Square

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



69.9786, 63.4126, 67.5831



59.7589, 63.4126, 45.8461



51.5068, 63.4126, 70.5289



60.7875, 63.4126, 98.9887

Rectangle

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



69.9786, 63.4126, 67.5831



65.9807, 63.4126, 49.9480



51.5068, 63.4126, 70.5289



54.9020, 63.4126, 92.4793

Sweetspot

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



69.9804, 63.4155, 67.5844



87.4886, 88.2836, 95.8778



71.4520, 63.4819, 98.9303



18.5934, 18.6911, 20.2914



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.



69.9804, 63.4155, 67.5844



69.5064, 60.7114, 64.0122



71.9481, 69.7899, 60.7213



17.4096, 17.2912, 18.7469



21.3627, 10.9608, 3.3523



2.0175, 1.0307, 0.5154

Inverse Universe

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



69.9804, 63.4155, 67.5844



69.5064, 60.7114, 64.0122



69.2332, 77.8284, 101.8164



17.4096, 17.2912, 18.7469



21.3627, 10.9608, 3.3523



2.0175, 1.0307, 0.5154

Previews

White Background



This preview shows how the XYZ color 69.9786, 63.4126, 67.5831 looks on a white background.

Color Contrast Check

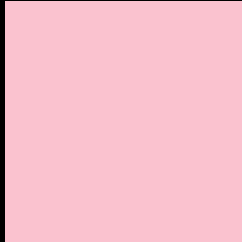
Large Text (above 18pt) WCAG AA × Fail

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 69.9786, 63.4126, 67.5831 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 69.9786, 63.4126, 67.5831

Background



This preview shows how black text looks on a background with the XYZ color 69.9786, 63.4126, 67.5831.



This preview shows how white text looks on a background with the XYZ color 69.9786, 63.4126,

67.5831.

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

69.9786, 63.4126, 67.5831

Protanopia

61.6856, 63.8669, 73.3663

Deuteranopia

64.7731, 63.4718, 66.5950



Tritanopia

70.2248, 63.5110, 68.8792

Trichromacy



Original Color

69.9786, 63.4126, 67.5831

Protanomaly

64.2909, 63.4729, 71.1504

Deuteranomaly

66.4891, 63.3076, 67.1078

Tritanomaly

70.1013, 63.4616, 68.2291

Monochromacy



Original Color

69.9786, 63.4126, 67.5831

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.8282, 64.4845, 70.0027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9786, 63.4126, 67.5831 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(250, 194, 207) looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 194, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 194, 207) }
```

Border

The CSS property to change the border of an element to XYZ 69.9786, 63.4126, 67.5831 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(250, 194, 207) }
```


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

```
.border{ border-color:rgb(250, 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(250, 194, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 194, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 194, 207);  
box-shadow:4px 4px 4px 4px rgb(250, 194,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9786, 63.4126, 67.5831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 194, 207) }
```

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

```
.background{ background-color: rgb(250,  
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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