

Converting Colors

XYZ(70.5897, 66.4280, 68.4867)

Have a look what the booklet for
XYZ(70.5897, 66.4280, 68.4867)
contains.

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Color

**XYZ(70.5117, 66.3880,
68.7723)**

Conversions

Conversions Part 1

Format	Color
Hex	F6CAD0
RGB	246, 202, 208
RGB Percent	96%, 79%, 82%
CMY	0.0353, 0.2078, 0.1843
CMYK	0.00, 0.18, 0.15, 0.04
HSL	352°, 71%, 88%
HSV	352°, 18%, 96%
XYZ	70.5117, 66.3880, 68.7723
YIQ	215.8400, 24.2980, 11.1940

Conversions

Conversions Part 2

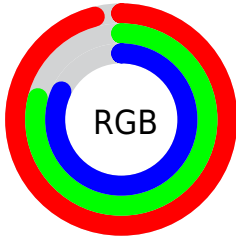
Format	Color
R _Y B	246, 202, 208
Decimal	16173776
CIE Lab	85.19, 16.45, 2.87
CIE LCh	85, 16.699, 9.908
Yxy	66.3880, 0.3428, 0.3228
Android (android.graphics.Color)	4294363856 (0xFFFF6CAD0)
YUV	215.8400, -3.8651, 26.4503
Hunter-Lab	81.4788, 11.8858, 6.9914

Details

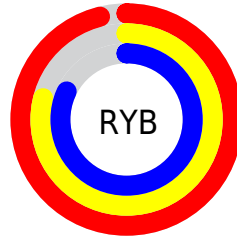
The XYZ color **70.5117, 66.3880, 68.7723** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.0437, 84.7609, 94.9529**, and the grayscale version is **65.1768, 68.5711, 74.6739**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4089, 34.3317, 35.2269** is the 20% darker color. If you saturate the color by 10%, you get **62.7520, 54.7752, 54.1409**, and if you desaturate by 10%, it is **79.5454, 79.9870, 85.5578**.

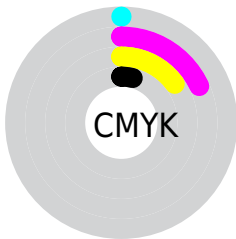
Distribution



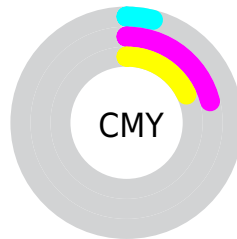
- Red (96%)
- Green (79%)
- Blue (82%)



- Red (96%)
- Yellow (79%)
- Blue (82%)



- Cyan (0%)
- Magenta (18%)
- Yellow (15%)
- Black (4%)




- Cyan (4%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.5117, 66.3880, 68.7723 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 70.5117, 66.3880, 68.7723 by changing the saturation by 10% instead.


 70.5117, 66.3880,
68.7723

 70.5117, 66.3880,
68.7723


451.5831,
447.7632, 474.8996

 52.2249, 48.5874,
50.0557


118.9605,
114.0430, 119.1209

 37.4094, 34.2923,
35.0862

149.8532,
144.6663, 151.5900

 25.6997, 23.1183,
23.4452


185.6786,
180.3326, 189.4804

 16.7306, 14.6809,
14.7142

226.8020,
221.4263, 233.2105

 10.1367, 8.5957,
8.4746

273.5888,
268.3318, 283.1989

 5.5527, 4.4784,
4.3080

326.4043,

 2.6131, 1.9446,

321.4336, 339.8643

1.7958

385.6140,
381.1159, 403.6250

■ 0.9526, 0.5750,
0.4252

■ 0.0000, 0.0000,
0.0000

■ 70.5117, 66.3880,
68.7723

■ 70.5117, 66.3880,
68.7723

■ 62.7520, 54.7752,
54.1409

■ 79.5454, 79.9870,
85.5578

■ 56.2034, 45.0470,
41.5720

■ 89.9012, 95.6495,
104.5754

■ 50.8061, 37.1066,
30.9737

■ 91.8163, 98.3329,
108.7487

■ 46.4928, 30.8447,
22.2455

■ 43.1892, 26.1403,
15.2781

■ 40.8115, 22.8560,
9.9502

■ 39.2620, 20.8302,
6.1254

■ 38.4129, 19.8460,
3.6415

■ 38.2882, 19.7057,
3.2632

Harmonies

Analogous

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



70.1538, 66.3880, 79.6525



70.5117, 66.3880, 68.7723



68.8239, 66.3880, 59.7701

Triad

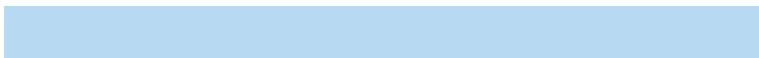
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.5117, 66.3880, 68.7723



58.5635, 66.3880, 57.5043



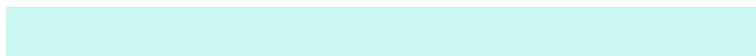
60.6427, 66.3880, 93.5827

Complementary

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



70.5117, 66.3880, 68.7723



73.0437, 84.7609, 94.9529

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.



57.7022, 66.3880, 86.4358



70.5117, 66.3880, 68.7723



56.5353, 66.3880, 65.3869

Square

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



70.5117, 66.3880, 68.7723



61.8610, 66.3880, 53.7061



56.2264, 66.3880, 75.9158



64.3551, 66.3880, 94.7199

Rectangle

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



70.5117, 66.3880, 68.7723



66.8037, 66.3880, 55.7729



56.2264, 66.3880, 75.9158



59.5354, 66.3880, 91.7720

Sweetspot

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



70.5135, 66.3910, 68.7737



89.3938, 91.4441, 98.5169



73.4889, 67.3184, 96.3098



18.9701, 19.3252, 20.7849



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

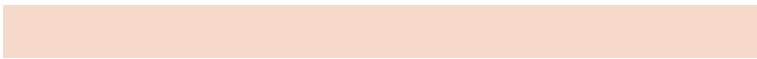
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.5135, 66.3910, 68.7737



73.7091, 67.8344, 69.3663



73.5848, 73.6918, 66.2265



16.5911, 16.5193, 17.5932



20.4656, 10.5297, 1.8944



1.8267, 0.9367, 0.3140

Inverse Universe

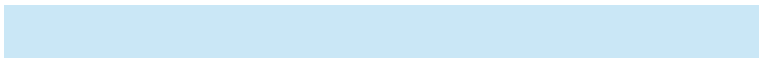
The Inverse Universe completely reimagines the original color for something new.



70.5135, 66.3910, 68.7737



73.7091, 67.8344, 69.3663



69.4582, 76.1408, 98.2251



16.5911, 16.5193, 17.5932



20.4656, 10.5297, 1.8944



1.8267, 0.9367, 0.3140

Previews

White Background



This preview shows how the XYZ color 70.5117, 66.3880, 68.7723 looks on a white background.

Color Contrast Check

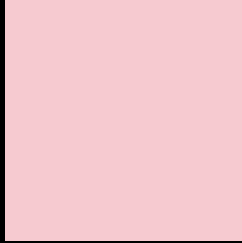
Large Text (above 18pt) WCAG AA × Fail

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 70.5117, 66.3880, 68.7723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

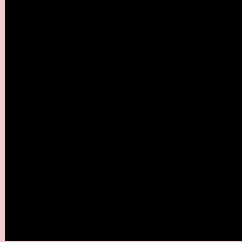
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.5117, 66.3880, 68.7723

Background



This preview shows how black text looks on a background with the XYZ color 70.5117, 66.3880, 68.7723.



This preview shows how white text looks on a background with the XYZ color 70.5117, 66.3880,

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

70.5117, 66.3880, 68.7723

Protanopia

64.0000, 66.5409, 73.0889

Deuteranopia

67.9259, 66.4805, 68.2834



Tritanopia

71.6391, 66.5053, 74.0268

Trichromacy



Original Color

70.5117, 66.3880, 68.7723

Protanomaly

66.1181, 66.1961, 71.5797

Deuteranomaly

69.0290, 66.6929, 68.2663

Tritanomaly

71.2547, 66.3515, 72.0024

Monochromacy



Original Color

70.5117, 66.3880, 68.7723

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.9831, 67.7235, 72.4923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5117, 66.3880, 68.7723 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(246, 202, 208)` looks like.

```
.text, #text, p{  
    color:rgb(246, 202, 208)  
}
```

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(246, 202, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 202, 208) }
```

Border

The CSS property to change the border of an element to XYZ 70.5117, 66.3880, 68.7723 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(246, 202, 208) }
```


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

```
.border{ border-color:rgb(246, 202, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 202, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 202, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 202, 208);  
box-shadow:4px 4px 4px 4px rgb(246, 202,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5117, 66.3880, 68.7723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 202, 208) }
```

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

```
.background{ background-color: rgb(246,  
202, 208) }
```

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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