

Converting Colors

XYZ(70.4827, 67.0598, 65.7477)

Have a look what the booklet for
XYZ(70.4827, 67.0598, 65.7477)
contains.

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Color

**XYZ(70.3784, 67.0904,
65.7403)**

Conversions

Conversions Part 1

Format	Color
Hex	F6CCCB
RGB	246, 204, 203
RGB Percent	96%, 80%, 80%
CMY	0.0353, 0.2000, 0.2039
CMYK	0.00, 0.17, 0.17, 0.04
HSL	1°, 70%, 88%
HSV	1°, 17%, 96%
XYZ	70.3784, 67.0904, 65.7403
YIQ	216.4440, 25.3530, 8.5930

Conversions

Conversions Part 2

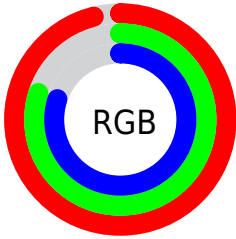
Format	Color
R _Y B	246, 204, 203
Decimal	16174283
CIE Lab	85.55, 14.63, 6.05
CIE LCh	86, 15.832, 22.452
Yxy	67.0904, 0.3463, 0.3302
Android (android.graphics.Color)	4294364363 (0xFFFF6CCCB)
YUV	216.4440, -6.6279, 25.9206
Hunter-Lab	81.9087, 10.0322, 9.7497

Details

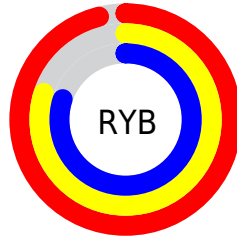
The XYZ color **70.3784, 67.0904, 65.7403** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9149, 84.6530, 99.6333**, and the grayscale version is **65.6063, 69.0230, 75.1660**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3174, 34.8014, 33.1843** is the 20% darker color. If you saturate the color by 10%, you get **62.3999, 55.4582, 49.7468**, and if you desaturate by 10%, it is **79.7066, 80.6764, 84.4802**.

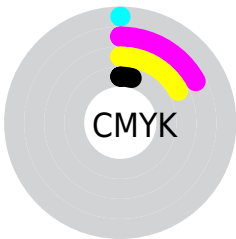
Distribution



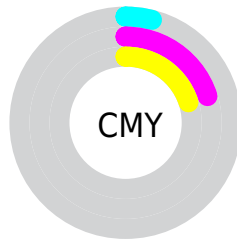
- Red (96%)
- Green (80%)
- Blue (80%)



- Red (96%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.3784, 67.0904, 65.7403 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 70.3784, 67.0904, 65.7403 by changing the saturation by 10% instead.


 70.3784, 67.0904,
65.7403

 70.3784, 67.0904,
65.7403


451.1232,
450.2665, 463.8264

 52.1158, 49.1581,
47.6065


118.7716,
115.0499, 114.7370

 37.3220, 34.7449,
33.1576


149.6328,
145.8460, 146.4369

 25.6317, 23.4664,
21.9751


185.4243,
181.6987, 183.4959

 16.6796, 14.9383,
13.6404

226.5115,
222.9925, 226.3325

 10.1002, 8.7761,
7.7351

273.2596,
270.1118, 275.3654

 5.5282, 4.5954,
3.8406

326.0340,

 2.5983, 2.0119,

323.4409, 331.0129

1.5383

385.2001,
383.3644, 393.6937

■ 0.9451, 0.6144,
0.2462

■ 0.0000, 0.0000,
0.0000

■ 70.3784, 67.0904,
65.7403

■ 70.3784, 67.0904,
65.7403

■ 62.3999, 55.4582,
49.7468

■ 79.7066, 80.6764,
84.4802

■ 55.7035, 45.6814,
36.3667

■ 90.4371, 96.2904,
106.0824

■ 50.2239, 37.6669,
25.4624

■ 91.8163, 98.3330,
108.7487

■ 45.8881, 31.3097,
16.8822

■ 42.6153, 26.4941,
10.4574

■ 40.3137, 23.0891,
5.9969

■ 38.8767, 20.9423,
3.2758

■ 38.1693, 19.8647,
2.0006

■ 38.0687, 19.7177,
1.7995

Harmonies

Analogous

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



70.8757, 67.0904, 75.6841



70.3784, 67.0904, 65.7403



68.0779, 67.0904, 58.4382

Triad

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



70.3784, 67.0904, 65.7403



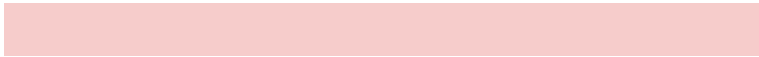
58.4373, 67.0904, 61.6267



62.8628, 67.0904, 94.5083

Complementary

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



70.3784, 67.0904, 65.7403



73.9149, 84.6530, 99.6333

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.



59.6429, 67.0904, 89.9147



70.3784, 67.0904, 65.7403



57.1511, 67.0904, 70.4778

Square

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



70.3784, 67.0904, 65.7403



61.1612, 67.0904, 56.2236



57.5840, 67.0904, 80.8825



66.4466, 67.0904, 92.9375

Rectangle

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



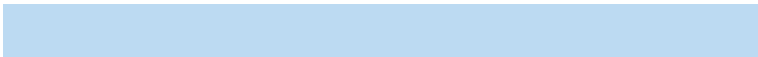
70.3784, 67.0904, 65.7403



65.8765, 67.0904, 55.7379



57.5840, 67.0904, 80.8825



61.7039, 67.0904, 93.6201

Sweetspot

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



70.3802, 67.0934, 65.7417



89.2200, 91.5167, 97.1635



75.8874, 68.9154, 95.9160



18.9280, 19.3428, 20.4575



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.



70.3802, 67.0934, 65.7417



73.1211, 68.0691, 64.8210



75.7701, 77.8730, 67.5383



16.5302, 16.5445, 17.1197



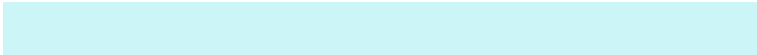
20.3334, 10.5523, 0.9651



1.7978, 0.9489, 0.0884

Inverse Universe

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



73.9149, 84.6530, 99.6333



77.6207, 90.4243, 107.9703



67.8614, 72.5461, 97.6154



16.9616, 18.6874, 21.2556



25.5661, 36.9259, 52.3180



2.2574, 3.2661, 4.6017

Previews

White Background



This preview shows how the XYZ color 70.3784, 67.0904, 65.7403 looks on a white background.

Color Contrast Check

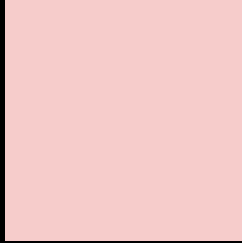
Large Text (above 18pt) WCAG AA × Fail

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 70.3784, 67.0904, 65.7403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

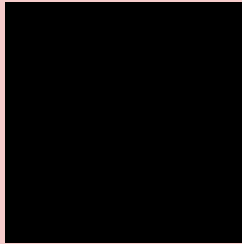
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3784, 67.0904, 65.7403

Background



This preview shows how black text looks on a background with the XYZ color 70.3784, 67.0904, 65.7403.

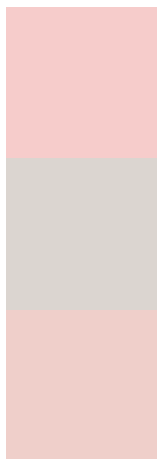


This preview shows how white text looks on a background with the XYZ color 70.3784, 67.0904,

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

70.3784, 67.0904, 65.7403

Protanopia

64.3928, 67.2026, 69.2520

Deuteranopia

68.5701, 67.2406, 65.2418



Tritanopia

72.3563, 67.2073, 74.8044

Trichromacy



Original Color

70.3784, 67.0904, 65.7403

Protanomaly

66.5003, 67.2074, 67.8599

Deuteranomaly

69.3499, 67.2841, 65.2091

Tritanomaly

71.5974, 67.2395, 71.4923

Monochromacy



Original Color

70.3784, 67.0904, 65.7403

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.9799, 68.1210, 71.2465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3784, 67.0904, 65.7403 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, 204, 203) looks like.

```
.text, #text, p{  
    color:rgb(246, 204, 203)  
}
```

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, 204, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 204, 203) }
```

Border

The CSS property to change the border of an element to XYZ 70.3784, 67.0904, 65.7403 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, 204, 203) }
```


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

```
.border{ border-color:rgb(246, 204, 203) }
```

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

Here you see how a box with a 4 pixel rgb(246, 204, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 204, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 204, 203);  
box-shadow:4px 4px 4px 4px rgb(246, 204,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3784, 67.0904, 65.7403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 204, 203) }
```

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

```
.background{ background-color: rgb(246,  
204, 203) }
```

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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