

Converting Colors

XYZ(70.2947, 66.6989, 68.4435)

Have a look what the booklet for
XYZ(70.2947, 66.6989, 68.4435)
contains.

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Color

**XYZ(70.2746, 66.6293,
68.1884)**

Conversions

Conversions Part 1

Format	Color
Hex	F5CBCF
RGB	245, 203, 207
RGB Percent	96%, 80%, 81%
CMY	0.0392, 0.2039, 0.1882
CMYK	0.00, 0.17, 0.16, 0.04
HSL	354°, 68%, 88%
HSV	354°, 17%, 96%
XYZ	70.2746, 66.6293, 68.1884
YIQ	216.0140, 23.7480, 10.1480

Conversions

Conversions Part 2

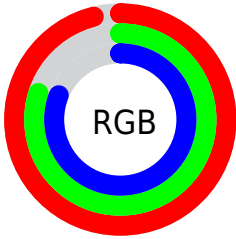
Format	Color
R _Y B	245, 203, 207
Decimal	16108495
CIE Lab	85.32, 15.41, 3.57
CIE LCh	85, 15.823, 13.045
Yxy	66.6293, 0.3426, 0.3249
Android (android.graphics.Color)	4294298575 (0xFFFF5CBCF)
YUV	216.0140, -4.4439, 25.4207
Hunter-Lab	81.6268, 10.8284, 7.6098

Details

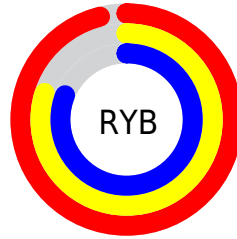
The XYZ color **70.2746, 66.6293, 68.1884** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.1608, 84.3538, 95.6490**, and the grayscale version is **65.2993, 68.6999, 74.8142**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2363, 34.4862, 34.8309** is the 20% darker color. If you saturate the color by 10%, you get **62.4170, 54.9507, 53.1231**, and if you desaturate by 10%, it is **79.4308, 80.2946, 85.5656**.

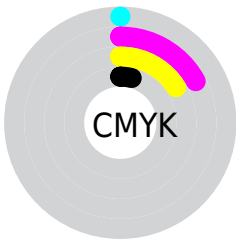
Distribution



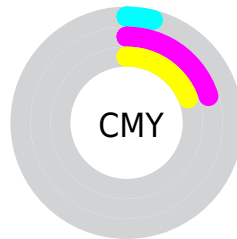
- Red (96%)
- Green (80%)
- Blue (81%)



- Red (96%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (17%)
- Yellow (16%)
- Black (4%)



- Cyan (4%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.2746, 66.6293, 68.1884 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 70.2746, 66.6293, 68.1884 by changing the saturation by 10% instead.

70.2746, 66.6293,
68.1884

70.2746, 66.6293,
68.1884

450.7650,
448.6241, 472.7794

52.0308, 48.7834,
49.5834

118.6244,
114.3891, 118.2784

37.2540, 34.4477,
34.7136

149.4612,
145.0718, 150.6004

25.5788, 23.2378,
23.1606

185.2263,
180.8022, 188.3319

16.6398, 14.7692,
14.5057

226.2851,
221.9648, 231.8913

10.0717, 8.6575,
8.3305

273.0031,
268.9438, 281.6972

5.5092, 4.5185,
4.2163

325.7455,

2.5868, 1.9676,

322.1238, 338.1682

1.7448

384.8776,
381.8891, 401.7227

■ 0.9392, 0.5886,
0.3911

■ 0.0000, 0.0000,
0.0000

■ 70.2746, 66.6293,
68.1884

■ 70.2746, 66.6293,
68.1884

■ 62.4170, 54.9507,
53.1231

■ 79.4308, 80.2946,
85.5656

■ 55.7938, 45.1580,
40.2682

■ 89.9349, 96.0236,
105.3419

■ 50.3437, 37.1547,
29.5208

■ 91.4665, 98.1526,
108.7323

■ 45.9980, 30.8327,
20.7681

■ 42.6808, 26.0717,
13.8870

■ 40.3065, 22.7357,
8.7404

■ 38.7755, 20.6655,
5.1726

■ 37.9624, 19.6567,
2.9982

■ 37.8143, 19.4757,
2.5932

Harmonies

Analogous

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



70.1444, 66.6293, 78.4501



70.2746, 66.6293, 68.1884



68.4942, 66.6293, 59.9064

Triad

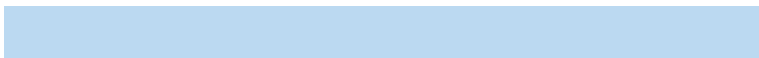
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.2746, 66.6293, 68.1884



58.7458, 66.6293, 59.0733



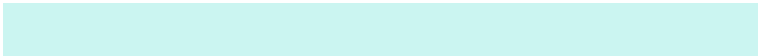
61.3429, 66.6293, 93.0863

Complementary

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



70.2746, 66.6293, 68.1884



73.1608, 84.3538, 95.6490

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.



58.4305, 66.6293, 86.8536



70.2746, 66.6293, 68.1884



56.9703, 66.6293, 66.9496

Square

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



70.2746, 66.6293, 68.1884



61.7880, 66.6293, 54.9875



56.8571, 66.6293, 77.0895



64.8957, 66.6293, 93.4979

Rectangle

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



70.2746, 66.6293, 68.1884



66.5009, 66.6293, 56.3561



56.8571, 66.6293, 77.0895



60.2599, 66.6293, 91.5775

Sweetspot

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



70.2765, 66.6323, 68.1898



89.3143, 91.4123, 98.0981



74.0467, 67.9731, 95.6043



18.9509, 19.3175, 20.6836



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

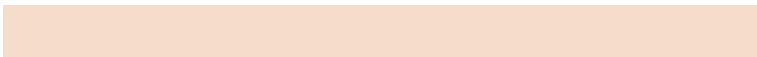
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.2765, 66.6323, 68.1898



73.4386, 67.7262, 67.9422



73.9784, 74.8082, 67.0439



16.5632, 16.5081, 17.4462



20.3930, 10.5006, 1.5120



1.8135, 0.9314, 0.2444

Inverse Universe

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



70.2765, 66.6323, 68.1898



73.4386, 67.7262, 67.9422



68.9110, 74.8884, 97.2098



16.5632, 16.5081, 17.4462



20.3930, 10.5006, 1.5120



1.8135, 0.9314, 0.2444

Previews

White Background



This preview shows how the XYZ color 70.2746, 66.6293, 68.1884 looks on a white background.

Color Contrast Check

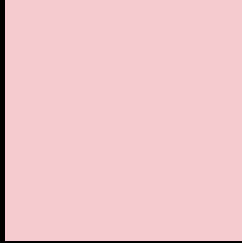
Large Text (above 18pt) WCAG AA × Fail

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 70.2746, 66.6293, 68.1884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

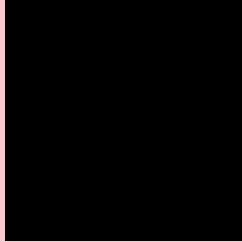
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.2746, 66.6293, 68.1884

Background



This preview shows how black text looks on a background with the XYZ color 70.2746, 66.6293, 68.1884.



This preview shows how white text looks on a background with the XYZ color 70.2746, 66.6293,

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

70.2746, 66.6293, 68.1884

Protanopia

64.0424, 66.5921, 71.7655

Deuteranopia

68.1369, 66.6034, 67.6571



Tritanopia

71.4171, 66.3759, 74.6934

Trichromacy



Original Color

70.2746, 66.6293, 68.1884

Protanomaly

66.1119, 66.5850, 70.3405

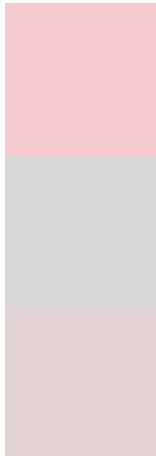
Deuteranomaly

68.9071, 66.6441, 67.6243

Tritanomaly

71.1368, 66.6380, 72.0639

Monochromacy



Original Color

70.2746, 66.6293, 68.1884

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 70.2746, 66.6293, 68.1884 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(245, 203, 207)` looks like.

```
.text, #text, p{  
    color:rgb(245, 203, 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(245, 203, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 203, 207) }
```

Border

The CSS property to change the border of an element to XYZ 70.2746, 66.6293, 68.1884 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(245, 203, 207) }
```


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

```
.border{ border-color:rgb(245, 203, 207) }
```

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

Here you see how a box with a 4 pixel rgb(245, 203, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 203, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 203, 207);  
box-shadow:4px 4px 4px 4px rgb(245, 203,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2746, 66.6293, 68.1884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 203, 207) }
```

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

```
.background{ background-color: rgb(245,  
203, 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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