

Converting Colors

XYZ(70.1426, 67.0773, 66.8367)

Have a look what the booklet for
XYZ(70.1426, 67.0773, 66.8367)
contains.

XYZ(69.9205, 66.8266, 66.9712)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.9205, 66.8266,
66.9712)**

Conversions

Conversions Part 1

Format	Color
Hex	F4CCCD
RGB	244, 204, 205
RGB Percent	96%, 80%, 80%
CMY	0.0431, 0.2000, 0.1961
CMYK	0.00, 0.16, 0.16, 0.04
HSL	359°, 65%, 88%
HSV	359°, 16%, 96%
XYZ	69.9205, 66.8266, 66.9712
YIQ	216.0740, 23.5190, 8.7910

Conversions

Conversions Part 2

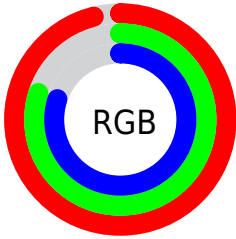
Format	Color
RYB	244, 204, 205
Decimal	16043213
CIELab	85.42, 14.22, 4.77
CIElCh	85, 15.001, 18.533
Yxy	66.8266, 0.3432, 0.3280
Android (android.graphics.Color)	4294233293 (0xFFF4CCCD)
YUV	216.0740, -5.4595, 24.4911
Hunter-Lab	81.7475, 9.6169, 8.6503

Details

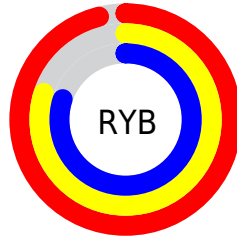
The XYZ color **69.9205, 66.8266, 66.9712** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.4328, 84.0114, 97.1436**, and the grayscale version is **65.3470, 68.7501, 74.8689**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9858, 34.6119, 34.0096** is the 20% darker color. If you saturate the color by 10%, you get **61.9122, 55.0616, 51.1932**, and if you desaturate by 10%, it is **79.2778, 80.5893, 85.3550**.

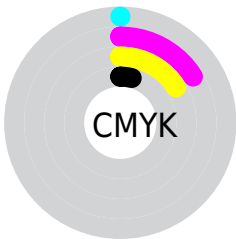
Distribution



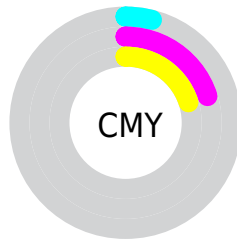
- Red (96%)
- Green (80%)
- Blue (80%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9205, 66.8266, 66.9712 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 69.9205, 66.8266, 66.9712 by changing the saturation by 10% instead.

69.9205, 66.8266,
66.9712

69.9205, 66.8266,
66.9712

449.5416,
449.3273, 468.3410

51.7411, 48.9437,
48.5998

118.1223,
114.6719, 116.5194

37.0222, 34.5748,
33.9387

148.8753,
145.4031, 148.5333

25.3984, 23.3356,
22.5696

184.5503,
181.1859, 185.9317

16.5044, 14.8415,
14.0737

225.5126,
222.4047, 229.1332

9.9749, 8.7082,
8.0326

272.1275,
269.4438, 278.5563

5.4445, 4.5513,
4.0277

324.7604,

2.5477, 1.9865,

322.6877, 334.6196

1.6406

383.7766,
382.5207, 397.7417

■ 0.9194, 0.5996,
0.3195

■ 0.0000, 0.0000,
0.0000

■ 69.9205, 66.8266,
66.9712

■ 69.9205, 66.8266,
66.9712

■ 61.9122, 55.0616,
51.1932

■ 79.2778, 80.5893,
85.3550

■ 55.1855, 45.1930,
37.8993

■ 90.0364, 96.4269,
106.4507

■ 49.6755, 37.1244,
26.9643

■ 91.1185, 97.9732,
108.7160

■ 45.3096, 30.7472,
18.2502

■ 42.0074, 25.9411,
11.6052

■ 39.6779, 22.5702,
6.8580

■ 38.2152, 20.4752,
3.8102

■ 37.4879, 19.4579,
2.2192

■ 37.3417, 19.2465,
1.9212

Harmonies

Analogous

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



70.1431, 66.8266, 76.5497



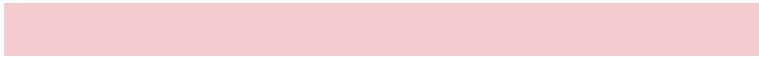
69.9205, 66.8266, 66.9712



67.9459, 66.8266, 59.6126

Triad

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



69.9205, 66.8266, 66.9712



58.7417, 66.8266, 61.0530



62.2255, 66.8266, 92.7026

Complementary

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



69.9205, 66.8266, 66.9712



73.4328, 84.0114, 97.1436

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.



59.2843, 66.8266, 87.7173



69.9205, 66.8266, 66.9712



57.3213, 66.8266, 69.1029

Square

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



69.9205, 66.8266, 66.9712



61.4608, 66.8266, 56.4119



57.5163, 66.8266, 78.8790



65.6179, 66.8266, 92.0024

Rectangle

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



69.9205, 66.8266, 66.9712



65.9399, 66.8266, 56.6891



57.5163, 66.8266, 78.8790



61.1535, 66.8266, 91.6194

Sweetspot

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



69.9223, 66.8296, 66.9726



89.1790, 91.3581, 97.3855



74.7710, 68.7158, 94.9111



18.9181, 19.3045, 20.5112



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.



69.9223, 66.8296, 66.9726



73.8849, 68.8665, 67.3267



74.5079, 76.1924, 67.9101



16.5159, 16.4892, 17.1971



20.3115, 10.4681, 1.0831



1.7910, 0.9223, 0.1256

Inverse Universe

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



69.9223, 66.8296, 66.9726



73.8849, 68.8665, 67.3267



68.2490, 73.4024, 96.1595



16.5159, 16.4892, 17.1971



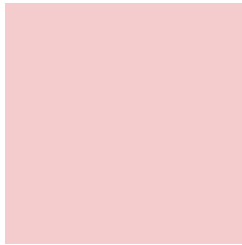
20.3115, 10.4681, 1.0831



1.7910, 0.9223, 0.1256

Previews

White Background



This preview shows how the XYZ color 69.9205, 66.8266, 66.9712 looks on a white background.

Color Contrast Check

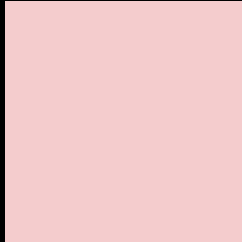
Large Text (above 18pt) WCAG AA × Fail

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 69.9205, 66.8266, 66.9712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

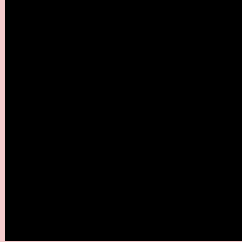
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.9205, 66.8266, 66.9712

Background



This preview shows how black text looks on a background with the XYZ color 69.9205, 66.8266, 66.9712.



This preview shows how white text looks on a background with the XYZ color 69.9205, 66.8266,

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

69.9205, 66.8266, 66.9712

Protanopia

64.3406, 67.1471, 70.5423

Deuteranopia

68.3506, 66.7275, 67.0348



Tritanopia

71.7815, 66.8958, 75.4586

Trichromacy



Original Color

69.9205, 66.8266, 66.9712

Protanomaly

66.1103, 66.9781, 69.1182

Deuteranomaly

68.7859, 66.5957, 66.9864

Tritanomaly

71.0224, 66.9284, 72.1260

Monochromacy



Original Color

69.9205, 66.8266, 66.9712

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.7912, 68.0092, 71.8942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9205, 66.8266, 66.9712 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(244, 204, 205) looks like.

```
.text, #text, p{  
    color:rgb(244, 204, 205)  
}
```

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(244, 204, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 204, 205) }
```

Border

The CSS property to change the border of an element to XYZ 69.9205, 66.8266, 66.9712 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(244, 204, 205) }
```


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

```
.border{ border-color:rgb(244, 204, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 204, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 204, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 204, 205);  
box-shadow:4px 4px 4px 4px rgb(244, 204,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9205, 66.8266, 66.9712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 204, 205) }
```

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

```
.background{ background-color: rgb(244,  
204, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor