

Converting Colors

XYZ(69.8419, 65.8808, 76.0530)

Have a look what the booklet for
XYZ(69.8419, 65.8808, 76.0530)
contains.

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Color

**XYZ(69.8419, 65.8808,
76.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CADB
RGB	240, 202, 219
RGB Percent	94%, 79%, 86%
CMY	0.0588, 0.2078, 0.1412
CMYK	0.00, 0.16, 0.09, 0.06
HSL	333°, 56%, 87%
HSV	333°, 16%, 94%
XYZ	69.8419, 65.8808, 76.0530
YIQ	215.3000, 17.1910, 13.3430

Conversions

Conversions Part 2

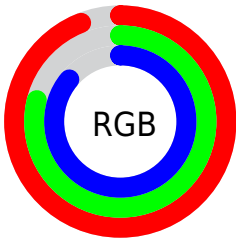
Format	Color
R _Y B	240, 202, 219
Decimal	15780571
CIE Lab	84.94, 16.13, -3.43
CIE LCh	85, 16.486, 348.007
Yxy	65.8808, 0.3298, 0.3111
Android (android.graphics.Color)	4293970651 (0xFFF0CADB)
YUV	215.3000, 1.8241, 21.6619
Hunter-Lab	81.1670, 11.5520, 1.2625

Details

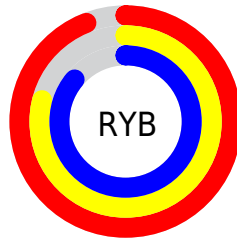
The XYZ color **69.8419, 65.8808, 76.0530** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.8391, 80.2062, 81.6691**, and the grayscale version is **64.7760, 68.1494, 74.2147**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0579, 34.0505, 39.7412** is the 20% darker color. If you saturate the color by 10%, you get **62.9657, 54.8119, 65.4860**, and if you desaturate by 10%, it is **77.7368, 78.7626, 87.6477**.

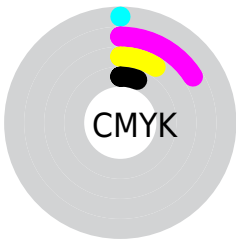
Distribution



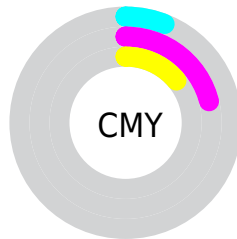
- Red (94%)
- Green (79%)
- Blue (86%)



- Red (94%)
- Yellow (79%)
- Blue (86%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (6%)



- Cyan (6%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8419, 65.8808, 76.0530 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 69.8419, 65.8808, 76.0530 by changing the saturation by 10% instead.

69.8419, 65.8808,
76.0530

69.8419, 65.8808,
76.0530

449.2698,
445.9505, 500.8808

51.6768, 48.1756,
55.9691

118.0108,
113.3152, 129.5626

36.9707, 33.9660,
39.7743

148.7452,
143.8133, 163.8253

25.3584, 22.8675,
27.0502

184.4002,
179.3445, 203.6514

16.4744, 14.4957,
17.3781

225.3410,
220.2931, 249.4593

9.9535, 8.4662,
10.3396

271.9330,
267.0436, 301.6677

5.4301, 4.3947,
5.5162

324.5415,

2.5391, 1.8967,

319.9804, 360.6951

2.4892

383.5320,
379.4879, 426.9599

0.9150, 0.5464,
0.8344

0.0000, 0.0000,
0.0000

69.8419, 65.8808,
76.0530

69.8419, 65.8808,
76.0530

62.9657, 54.8119,
65.4860

77.7368, 78.7626,
87.6477

57.0589, 45.4652,
55.9121

86.6856, 93.5254,
100.2950

52.0766, 37.7552,
47.3005

89.7456, 97.2655,
108.6518

47.9678, 31.5857,
39.6172

■ 44.6764, 26.8501,
32.8255

■ 42.1393, 23.4283,
26.8858

■ 40.2832, 21.1800,
21.7539

■ 39.0183, 19.9323,
17.3793

■ 38.6081, 19.5945,
15.7551

Harmonies

Analogous

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



68.0586, 65.8808, 86.2549



69.8419, 65.8808, 76.0530



69.6342, 65.8808, 65.6137

Triad

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



69.8419, 65.8808, 76.0530



60.4429, 65.8808, 54.0396



57.9750, 65.8808, 87.9764

Complementary

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



69.8419, 65.8808, 76.0530



68.8391, 80.2062, 81.6691

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.



56.0891, 65.8808, 78.2214



69.8419, 65.8808, 76.0530



57.4748, 65.8808, 58.9400

Square

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



69.8419, 65.8808, 76.0530



64.1085, 65.8808, 53.5825



55.9097, 65.8808, 67.5798



61.1502, 65.8808, 93.5791

Rectangle

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



69.8419, 65.8808, 76.0530



68.3956, 65.8808, 59.8980



55.9097, 65.8808, 67.5798



57.1748, 65.8808, 85.0324

Sweetspot

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



69.8438, 65.8837, 76.0544



90.0026, 91.6876, 101.7227



67.2518, 64.2076, 91.2877



19.1177, 19.3843, 21.5622



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.



69.8438, 65.8837, 76.0544



77.4784, 71.2817, 83.2357



68.1673, 65.9308, 65.0137



16.0667, 15.8764, 17.9072



21.1992, 10.7521, 8.9658



1.8130, 0.9142, 1.0059

Inverse Universe

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



69.8438, 65.8837, 76.0544



77.4784, 71.2817, 83.2357



70.6911, 80.0568, 94.1657



16.0667, 15.8764, 17.9072



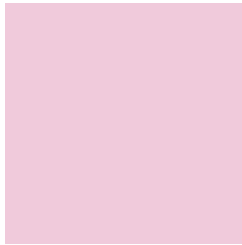
21.1992, 10.7521, 8.9658



1.8130, 0.9142, 1.0059

Previews

White Background



This preview shows how the XYZ color 69.8419, 65.8808, 76.0530 looks on a white background.

Color Contrast Check

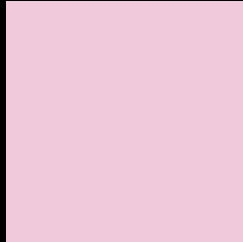
Large Text (above 18pt) WCAG AA × Fail

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 69.8419, 65.8808, 76.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

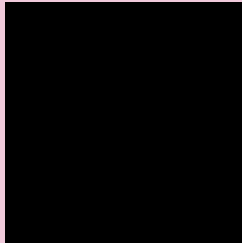
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.8419, 65.8808, 76.0530

Background



This preview shows how black text looks on a background with the XYZ color 69.8419, 65.8808, 76.0530.

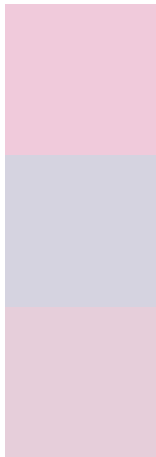


This preview shows how white text looks on a background with the XYZ color 69.8419, 65.8808,

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

69.8419, 65.8808, 76.0530

Protanopia

64.1894, 66.1165, 79.8996

Deuteranopia

67.3593, 66.0276, 75.5240



Tritanopia

69.7106, 65.8283, 75.3616

Trichromacy



Original Color

69.8419, 65.8808, 76.0530

Protanomaly

66.1721, 66.0737, 78.3731

Deuteranomaly

68.4179, 66.2170, 75.5048

Tritanomaly

69.7106, 65.8283, 75.3616

Monochromacy



Original Color

69.8419, 65.8808, 76.0530

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.1817, 66.8983, 74.3903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8419, 65.8808, 76.0530 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(240, 202, 219) looks like.

```
.text, #text, p{  
    color:rgb(240, 202, 219)  
}
```

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(240, 202, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 202, 219) }
```

Border

The CSS property to change the border of an element to XYZ 69.8419, 65.8808, 76.0530 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(240, 202, 219) }
```


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

```
.border{ border-color:rgb(240, 202, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 202, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 202, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 202, 219);  
box-shadow:4px 4px 4px 4px rgb(240, 202,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8419, 65.8808, 76.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 202, 219) }
```

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

```
.background{ background-color: rgb(240,  
202, 219) }
```

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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