

Converting Colors

XYZ(69.6008, 65.5309, 76.0588)

Have a look what the booklet for
XYZ(69.6008, 65.5309, 76.0588)
contains.

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Color

**XYZ(69.6080, 65.4130,
75.9751)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C9DB
RGB	240, 201, 219
RGB Percent	94%, 79%, 86%
CMY	0.0588, 0.2117, 0.1412
CMYK	0.00, 0.16, 0.09, 0.06
HSL	332°, 57%, 86%
HSV	332°, 16%, 94%
XYZ	69.6080, 65.4130, 75.9751
YIQ	214.7130, 17.4660, 13.8660

Conversions

Conversions Part 2

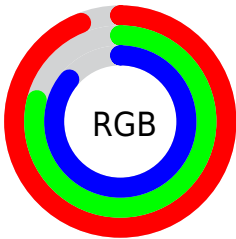
Format	Color
R _Y B	240, 201, 219
Decimal	15780315
CIE Lab	84.70, 16.65, -3.78
CIE LCh	85, 17.077, 347.219
Yxy	65.4130, 0.3299, 0.3100
Android (android.graphics.Color)	4293970395 (0xFFFF0C9DB)
YUV	214.7130, 2.1135, 22.1767
Hunter-Lab	80.8783, 12.0892, 0.9192

Details

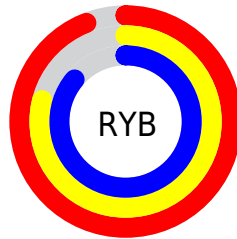
The XYZ color **69.6080, 65.4130, 75.9751** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.4348, 80.0133, 80.9482**, and the grayscale version is **64.3767, 67.7293, 73.7572**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9017, 33.7381, 39.6891** is the 20% darker color. If you saturate the color by 10%, you get **62.8087, 54.4319, 65.6376**, and if you desaturate by 10%, it is **77.4173, 78.2009, 87.3027**.

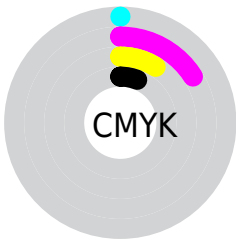
Distribution



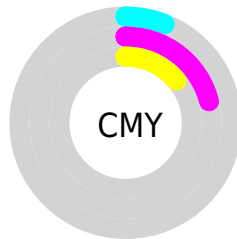
- Red (94%)
- Green (79%)
- Blue (86%)



- 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 69.6080, 65.4130, 75.9751 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 69.6080, 65.4130, 75.9751 by changing the saturation by 10% instead.

69.6080, 65.4130,
75.9751

69.6080, 65.4130,
75.9751

448.4603,
444.2746, 500.6070

51.4855, 47.7960,
55.9056

117.6789,
112.6434, 129.4515

36.8177, 33.6654,
39.7237

148.3579,
143.0257, 163.6954

25.2394, 22.6367,
27.0111

183.9532,
178.4318, 203.5012

16.3852, 14.3255,
17.3490

224.8301,
219.2462, 249.2874

9.8897, 8.3474,
10.3191

271.3539,
265.8533, 301.4725

5.3876, 4.3180,
5.5026

323.8899,

2.5135, 1.8530,

318.6375, 360.4751

2.4812

382.8036,
377.9831, 426.7138

■ 0.9021, 0.5199,
0.8302

■ 0.0000, 0.0000,
0.0000

■ 69.6080, 65.4130,
75.9751

■ 69.6080, 65.4130,
75.9751

■ 62.8087, 54.4319,
65.6376

■ 77.4173, 78.2009,
87.3027

■ 56.9703, 45.1667,
56.2567

■ 86.2716, 92.8638,
99.6439

■ 52.0480, 37.5319,
47.8031

■ 89.7456, 97.2655,
108.6518

■ 47.9908, 31.4309,
40.2439

■ 44.7427, 26.7568,
33.5441

■ 42.2406, 23.3889,
27.6652

■ 40.4108, 21.1860,
22.5650

■ 39.1628, 19.9727,
18.1940

■ 38.7914, 19.6678,
16.7205

Harmonies

Analogous

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



67.7163, 65.4130, 86.4734



69.6080, 65.4130, 75.9751



69.4495, 65.4130, 65.1814

Triad

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



69.6080, 65.4130, 75.9751



60.0259, 65.4130, 52.9755



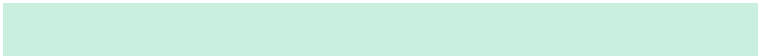
57.3207, 65.4130, 87.7898

Complementary

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



69.6080, 65.4130, 75.9751



68.4348, 80.0133, 80.9482

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.



55.4235, 65.4130, 77.6282



69.6080, 65.4130, 75.9751



56.9409, 65.4130, 57.8812

Square

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



69.6080, 65.4130, 75.9751



63.8108, 65.4130, 52.6304



55.2874, 65.4130, 66.6745



60.5637, 65.4130, 93.7491

Rectangle

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



69.6080, 65.4130, 75.9751



68.2021, 65.4130, 59.2524



55.2874, 65.4130, 66.6745



56.5103, 65.4130, 84.7075

Sweetspot

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



69.6099, 65.4159, 75.9765



90.0307, 91.6988, 101.8704



66.6802, 63.5658, 91.1939



19.1245, 19.3870, 21.5981



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.



69.6099, 65.4159, 75.9765



77.5741, 71.3200, 83.7396



67.6711, 65.1273, 64.2660



16.0763, 15.8802, 17.9578



21.3004, 10.7926, 9.4984



1.8217, 0.9177, 1.0519

Inverse Universe

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



69.6099, 65.4159, 75.9765



77.5741, 71.3200, 83.7396



70.5964, 80.2678, 94.2114



16.0763, 15.8802, 17.9578



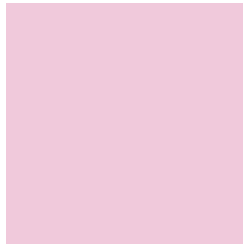
21.3004, 10.7926, 9.4984



1.8217, 0.9177, 1.0519

Previews

White Background



This preview shows how the XYZ color 69.6080, 65.4130, 75.9751 looks on a white background.

Color Contrast Check

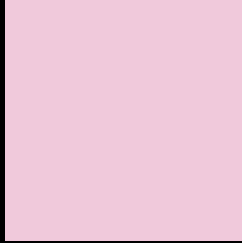
Large Text (above 18pt) WCAG AA × Fail

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 69.6080, 65.4130, 75.9751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

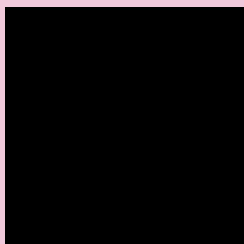
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6080, 65.4130, 75.9751

Background



This preview shows how black text looks on a background with the XYZ color 69.6080, 65.4130, 75.9751.



This preview shows how white text looks on a background with the XYZ color 69.6080, 65.4130,

75.9751.

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

69.6080, 65.4130, 75.9751

Protanopia

63.7886, 65.5265, 80.5200

Deuteranopia

66.7993, 65.3826, 75.4291



Tritanopia

69.3462, 65.3083, 74.5965

Trichromacy



Original Color

69.6080, 65.4130, 75.9751

Protanomaly

65.7563, 65.4830, 78.9858

Deuteranomaly

67.8520, 65.5713, 75.4100

Tritanomaly

69.4767, 65.3605, 75.2837

Monochromacy



Original Color

69.6080, 65.4130, 75.9751

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 69.6080, 65.4130, 75.9751 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, 201, 219)` looks like.

```
.text, #text, p{  
    color:rgb(240, 201, 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, 201, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 201, 219) }
```

Border

The CSS property to change the border of an element to XYZ 69.6080, 65.4130, 75.9751 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, 201, 219) }
```


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

```
.border{ border-color:rgb(240, 201, 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, 201, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 201, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 201, 219);  
box-shadow:4px 4px 4px 4px rgb(240, 201,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6080, 65.4130, 75.9751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 201, 219) }
```

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

```
.background{ background-color: rgb(240,  
201, 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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