

Converting Colors

XYZ(69.6843, 65.5439, 71.9046)

Have a look what the booklet for
XYZ(69.6843, 65.5439, 71.9046)
contains.

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Color

**XYZ(69.8590, 65.6321,
71.9371)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C9D5
RGB	243, 201, 213
RGB Percent	95%, 79%, 84%
CMY	0.0471, 0.2117, 0.1647
CMYK	0.00, 0.17, 0.12, 0.05
HSL	343°, 64%, 87%
HSV	343°, 17%, 95%
XYZ	69.8590, 65.6321, 71.9371
YIQ	214.9260, 21.1800, 12.6360

Conversions

Conversions Part 2

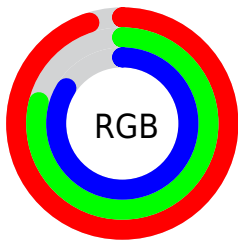
Format	Color
R _Y B	243, 201, 213
Decimal	15976917
CIE Lab	84.81, 16.71, -0.38
CIE LCh	85, 16.715, 358.683
Yxy	65.6321, 0.3368, 0.3164
Android (android.graphics.Color)	4294166997 (0xFFFF3C9D5)
YUV	214.9260, -0.9495, 24.6209
Hunter-Lab	81.0136, 12.1487, 4.0622

Details

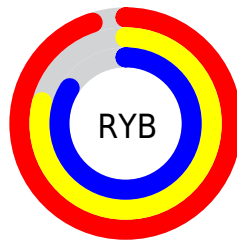
The XYZ color **69.8590, 65.6321, 71.9371** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.5644, 82.2898, 87.7696**, and the grayscale version is **64.5390, 67.9000, 73.9432**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8550, 33.7752, 36.9245** is the 20% darker color. If you saturate the color by 10%, you get **62.5497, 54.3523, 59.2057**, and if you desaturate by 10%, it is **78.3040, 78.8043, 86.2122**.

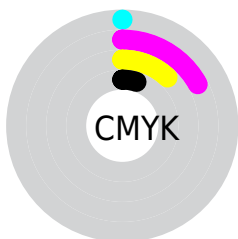
Distribution



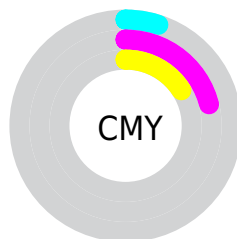
- Red (95%)
- Green (79%)
- Blue (84%)



- Red (95%)
- Yellow (79%)
- Blue (84%)



- Cyan (0%)
- Magenta (17%)
- Yellow (12%)
- Black (5%)



- Cyan (5%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8590, 65.6321, 71.9371 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 69.8590, 65.6321, 71.9371 by changing the saturation by 10% instead.

69.8590, 65.6321,
71.9371

69.8590, 65.6321,
71.9371

449.3289,
445.0600, 486.2943

51.6908, 47.9738,
52.6208

118.0350,
112.9581, 123.6740

36.9819, 33.8061,
37.1145

148.7735,
143.3947, 156.9316

25.3671, 22.7447,
24.9997

184.4328,
178.8594, 195.6735

16.4810, 14.4051,
15.8578

225.3783,
219.7368, 240.3180

9.9581, 8.4030,
9.2703

271.9753,
266.4111, 291.2838

5.4333, 4.3539,
4.8187

324.5892,

2.5410, 1.8734,

319.2668, 348.9895

2.0844

383.5852,
378.6883, 413.8534

■ 0.9160, 0.5323,
0.6065

■ 0.0000, 0.0000,
0.0000

■ 69.8590, 65.6321,
71.9371

■ 69.8590, 65.6321,
71.9371

■ 62.5497, 54.3523,
59.2057

■ 78.3040, 78.8043,
86.2122

■ 56.3210, 44.8690,
47.9610

■ 87.9255, 93.9414,
102.0771

■ 51.1217, 37.0913,
38.1482

■ 90.7724, 97.7948,
108.6998

■ 46.8941, 30.9167,
29.7077

■ 43.5742, 26.2317,
22.5752

■ 41.0905, 22.9076,
16.6809

■ 39.3594, 20.7937,
11.9475

■ 38.2745, 19.6944,
8.2856

■ 38.0494, 19.4896,
7.4538

Harmonies

Analogous

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



68.7360, 65.6321, 82.7235



69.8590, 65.6321, 71.9371



68.9127, 65.6321, 62.0160

Triad

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



69.8590, 65.6321, 71.9371



58.9894, 65.6321, 54.8574



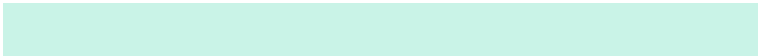
58.7137, 65.6321, 90.5631

Complementary

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



69.8590, 65.6321, 71.9371



70.5644, 82.2898, 87.7696

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.



56.2763, 65.6321, 81.8219



69.8590, 65.6321, 71.9371



56.4309, 65.6321, 61.2723

Square

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



69.8590, 65.6321, 71.9371



62.5469, 65.6321, 52.7680



55.4573, 65.6321, 70.9894



62.2160, 65.6321, 94.1201

Rectangle

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



69.8590, 65.6321, 71.9371



67.2562, 65.6321, 57.0683



55.4573, 65.6321, 70.9894



57.7480, 65.6321, 88.0932

Sweetspot

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



69.8609, 65.6350, 71.9385



89.6846, 91.5604, 100.0479



69.8282, 65.1368, 93.6869



19.0405, 19.3534, 21.1558



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.



69.8609, 65.6350, 71.9385



74.7231, 68.2400, 74.7059



70.4057, 69.0720, 64.8834



16.6937, 16.5603, 18.1338



20.9327, 10.7165, 4.3542



1.8822, 0.9588, 0.6061

Inverse Universe

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



69.8609, 65.6350, 71.9385



74.7231, 68.2400, 74.7059



69.8612, 78.0783, 96.1832



16.6937, 16.5603, 18.1338



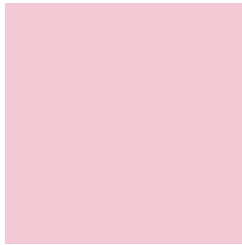
20.9327, 10.7165, 4.3542



1.8822, 0.9588, 0.6061

Previews

White Background



This preview shows how the XYZ color 69.8590, 65.6321, 71.9371 looks on a white background.

Color Contrast Check

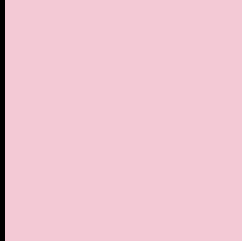
Large Text (above 18pt) WCAG AA × Fail

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 69.8590, 65.6321, 71.9371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

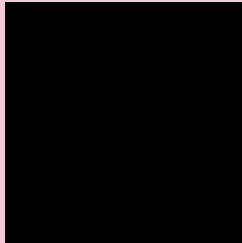
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.8590, 65.6321, 71.9371

Background



This preview shows how black text looks on a background with the XYZ color 69.8590, 65.6321, 71.9371.



This preview shows how white text looks on a background with the XYZ color 69.8590, 65.6321,

71.9371.

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

69.8590, 65.6321, 71.9371

Protanopia

63.8120, 65.9991, 76.3937

Deuteranopia

66.9937, 65.5719, 71.4131



Tritanopia

70.2435, 65.7858, 73.9615

Trichromacy



Original Color

69.8590, 65.6321, 71.9371

Protanomaly

65.8885, 65.6430, 74.8433

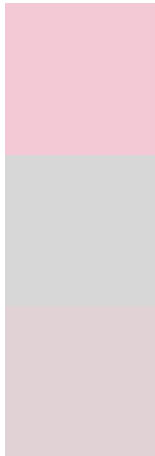
Deuteranomaly

68.0686, 65.7721, 71.3950

Tritanomaly

70.1145, 65.7343, 73.2825

Monochromacy



Original Color

69.8590, 65.6321, 71.9371

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.2355, 66.9558, 73.0511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8590, 65.6321, 71.9371 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(243, 201, 213)` looks like.

```
.text, #text, p{  
    color:rgb(243, 201, 213)  
}
```

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(243, 201, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 201, 213) }
```

Border

The CSS property to change the border of an element to XYZ 69.8590, 65.6321, 71.9371 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(243, 201, 213) }
```


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

```
.border{ border-color:rgb(243, 201, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 201, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 201, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 201, 213); box-shadow:4px 4px 4px 4px rgb(243, 201, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8590, 65.6321, 71.9371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 201, 213) }
```

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

```
.background{ background-color: rgb(243,  
201, 213) }
```

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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