

Converting Colors

XYZ(69.8973, 66.3189, 73.4068)

Have a look what the booklet for
XYZ(69.8973, 66.3189, 73.4068)
contains.

XYZ(69.8973, 66.3189, 73.4068)	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(69.8973, 66.3189,
73.4068)**

Conversions

Conversions Part 1

Format	Color
Hex	F1CBD7
RGB	241, 203, 215
RGB Percent	95%, 80%, 84%
CMY	0.0549, 0.2039, 0.1569
CMYK	0.00, 0.16, 0.11, 0.05
HSL	341°, 58%, 87%
HSV	341°, 16%, 95%
XYZ	69.8973, 66.3189, 73.4068
YIQ	215.7300, 18.7960, 11.7880

Conversions

Conversions Part 2

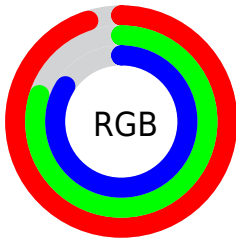
Format	Color
R _Y B	241, 203, 215
Decimal	15846359
CIE Lab	85.16, 15.28, -0.96
CIE LCh	85, 15.313, 356.412
Yxy	66.3189, 0.3334, 0.3164
Android (android.graphics.Color)	4294036439 (0xFFF1CBD7)
YUV	215.7300, -0.3599, 22.1618
Hunter-Lab	81.4364, 10.6937, 3.5615

Details

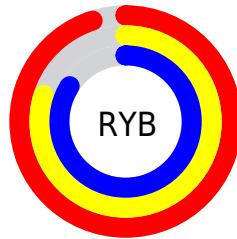
The XYZ color **69.8973, 66.3189, 73.4068** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.2294, 81.2660, 86.1171**, and the grayscale version is **65.0815, 68.4708, 74.5647**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1002, 34.3472, 37.9320** is the 20% darker color. If you saturate the color by 10%, you get **62.6292, 55.0041, 61.0510**, and if you desaturate by 10%, it is **78.2675, 79.4944, 87.1855**.

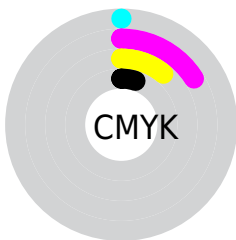
Distribution



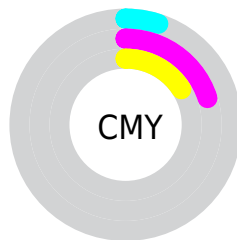
- Red (95%)
- Green (80%)
- Blue (84%)



- Red (95%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (16%)
- Yellow (11%)
- Black (5%)





- Cyan (5%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.8973, 66.3189, 73.4068 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 69.8973, 66.3189, 73.4068 by changing the saturation by 10% instead.


 69.8973, 66.3189,
73.4068

 69.8973, 66.3189,
73.4068


449.4614,
447.5165, 491.5320

 51.7221, 48.5313,
53.8148


118.0894,
113.9439, 125.7808

 37.0070, 34.2478,
38.0615

148.8369,
144.5502, 159.3999

 25.3866, 23.0841,
25.7282


184.5060,
180.1981, 198.5318

 16.4956, 14.6556,
16.3965

225.4619,
221.2720, 243.5950

 9.9686, 8.5780,
9.6478

272.0701,
268.1565, 295.0081

 5.4402, 4.4670,
5.0635

324.6958,

 2.5452, 1.9381,

321.2358, 353.1896

2.2252

383.7044,
380.8943, 418.5581

■ 0.9181, 0.5711,
0.6888

■ 0.0000, 0.0000,
0.0000

■ 69.8973, 66.3189,
73.4068

■ 69.8973, 66.3189,
73.4068

■ 62.6292, 55.0041,
61.0510

■ 78.2675, 79.4944,
87.1855

■ 56.4104, 45.4571,
50.0670

■ 87.7783, 94.6003,
102.4272

■ 51.1924, 37.5904,
40.4070

■ 90.0860, 97.4410,
108.6677

■ 46.9203, 31.3053,
32.0184

■ 43.5338, 26.4929,
24.8449

■ 40.9650, 23.0303,
18.8254

■ 39.1359, 20.7742,
13.8929

■ 37.9508, 19.5481,
9.9708

■ 37.5836, 19.2240,
8.5832

Harmonies

Analogous

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



68.7299, 66.3189, 83.2514



69.8973, 66.3189, 73.4068



69.1711, 66.3189, 64.0757

Triad

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



69.8973, 66.3189, 73.4068



60.1259, 66.3189, 56.4799



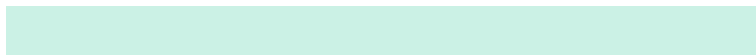
59.4311, 66.3189, 89.2413

Complementary

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



69.8973, 66.3189, 73.4068



70.2294, 81.2660, 86.1171

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.



57.2713, 66.3189, 81.0052



69.8973, 66.3189, 73.4068



57.6621, 66.3189, 62.1908

Square

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



69.8973, 66.3189, 73.4068



63.4506, 66.3189, 54.8423



56.6356, 66.3189, 71.0263



62.6194, 66.3189, 92.9045

Rectangle

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



69.8973, 66.3189, 73.4068



67.7247, 66.3189, 59.2912



56.6356, 66.3189, 71.0263



58.5652, 66.3189, 86.8810

Sweetspot

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



69.8992, 66.3219, 73.4082



89.7435, 91.5839, 100.3580



69.5379, 65.7184, 92.2398



19.0548, 19.3591, 21.2310



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.



69.8992, 66.3219, 73.4082



76.6082, 70.9336, 78.6532



70.0957, 69.0921, 66.1451



15.9784, 15.8411, 17.4424



20.4343, 10.4462, 4.9377



1.7433, 0.8864, 0.6392

Inverse Universe

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



69.8992, 66.3219, 73.4082



76.6082, 70.9336, 78.6532



69.9403, 77.9140, 94.5726



15.9784, 15.8411, 17.4424



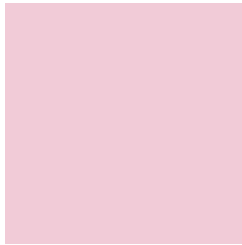
20.4343, 10.4462, 4.9377



1.7433, 0.8864, 0.6392

Previews

White Background



This preview shows how the XYZ color 69.8973, 66.3189, 73.4068 looks on a white background.

Color Contrast Check

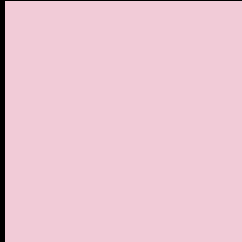
Large Text (above 18pt) WCAG AA × Fail

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 69.8973, 66.3189, 73.4068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

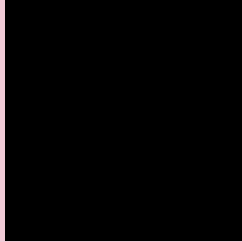
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.8973, 66.3189, 73.4068

Background



This preview shows how black text looks on a background with the XYZ color 69.8973, 66.3189, 73.4068.



This preview shows how white text looks on a background with the XYZ color 69.8973, 66.3189,

73.4068.

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

69.8973, 66.3189, 73.4068

Protanopia

64.4861, 66.7013, 77.1860

Deuteranopia

67.8132, 66.3213, 72.8455



Tritanopia

70.0510, 66.0038, 75.3776

Trichromacy



Original Color

69.8973, 66.3189, 73.4068

Protanomaly

66.1958, 66.5102, 75.6785

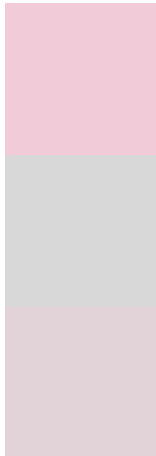
Deuteranomaly

68.5610, 66.3505, 72.8117

Tritanomaly

69.9205, 65.9516, 74.6904

Monochromacy



Original Color

69.8973, 66.3189, 73.4068

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.7403, 67.5540, 74.4874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8973, 66.3189, 73.4068 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(241, 203, 215)` looks like.

```
.text, #text, p{  
    color:rgb(241, 203, 215)  
}
```

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(241, 203, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 203, 215) }
```

Border

The CSS property to change the border of an element to XYZ 69.8973, 66.3189, 73.4068 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(241, 203, 215) }
```


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

```
.border{ border-color:rgb(241, 203, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 203, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 203, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 203, 215);  
box-shadow:4px 4px 4px 4px rgb(241, 203,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8973, 66.3189, 73.4068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 203, 215) }
```

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

```
.background{ background-color: rgb(241,  
203, 215) }
```

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