

Converting Colors

XYZ(73.1004, 66.4394, 69.7108)

Have a look what the booklet for
XYZ(73.1004, 66.4394, 69.7108)
contains.

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Color

**XYZ(73.0669, 66.3013,
69.9192)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6D2
RGB	255, 198, 210
RGB Percent	100%, 78%, 82%
CMY	0.0000, 0.2235, 0.1765
CMYK	0.00, 0.22, 0.18, 0.00
HSL	347°, 100%, 89%
HSV	347°, 22%, 100%
XYZ	73.0669, 66.3013, 69.9192
YIQ	216.4110, 30.1200, 15.8160

Conversions

Conversions Part 2

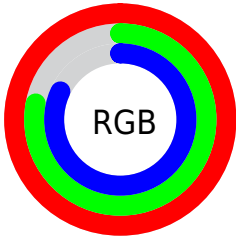
Format	Color
R _Y B	255, 198, 210
Decimal	16762578
CIE Lab	85.15, 22.04, 1.85
CIE LCh	85, 22.120, 4.794
Yxy	66.3013, 0.3491, 0.3168
Android (android.graphics.Color)	4294952658 (0xFFFFC6D2)
YUV	216.4110, -3.1606, 33.8426
Hunter-Lab	81.4256, 17.6813, 6.0863

Details

The XYZ color **73.0669, 66.3013, 69.9192** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.2287, 89.9980, 98.2042**, and the grayscale version is **65.5584, 68.9726, 75.1111**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2627, 34.3526, 36.0138** is the 20% darker color. If you saturate the color by 10%, you get **65.3689, 54.6700, 55.7468**, and if you desaturate by 10%, it is **82.0650, 80.0270, 86.0835**.

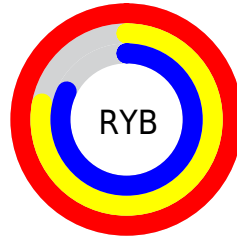
Distribution



Red (100%)

Green (78%)

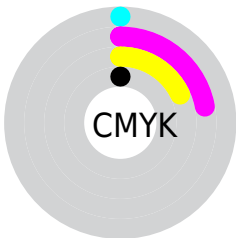
Blue (82%)



Red (100%)

Yellow (78%)

Blue (82%)

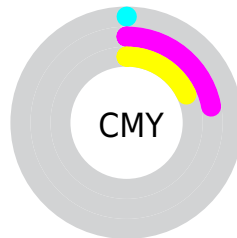


Cyan (0%)

Magenta (22%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0669, 66.3013, 69.9192 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 73.0669, 66.3013, 69.9192 by changing the saturation by 10% instead.


 73.0669, 66.3013,
69.9192

 73.0669, 66.3013,
69.9192


460.3468,
447.4537, 479.0477

 54.3192, 48.5170,
50.9843


122.5748,
113.9187, 120.7736

 39.0886, 34.2365,
35.8194

154.0657,
144.5206, 153.5301

 27.0097, 23.0754,
24.0062


190.5352,
180.1638, 191.7308

 17.7171, 14.6492,
15.1260

232.3484,
221.2327, 235.7944

 10.8456, 8.5735,
8.7602

279.8709,
268.1118, 286.1394

 6.0296, 4.4641,
4.4905

333.4678,

 2.9039, 1.9364,

321.1854, 343.1842

1.8981

393.5047,
380.8379, 407.3475

■ 1.1032, 0.5701,
0.4915

■ 0.0278, 0.0000,
0.0000

■ 73.0669, 66.3013,
69.9192

■ 73.0669, 66.3013,
69.9192

■ 65.3689, 54.6700,
55.7468

■ 82.0650, 80.0270,
86.0835

■ 58.9053, 45.0216,
43.4844

■ 92.4149, 95.9341,
104.3091

■ 53.6121, 37.2473,
33.0502

95.0500, 100.0000,
108.9000

■ 49.4171, 31.2244,
24.3550

■ 46.2404, 26.8153,
17.3017

■ 43.9903, 23.8619,
11.7831

■ 42.5579, 22.1736,
7.6784

■ 41.8981, 21.5232,
5.3955

Harmonies

Analogous

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



72.1003, 66.3013, 84.5327



73.0669, 66.3013, 69.9192



71.2269, 66.3013, 57.6228

Triad

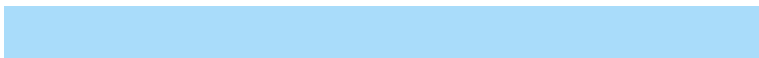
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0669, 66.3013, 69.9192



57.7010, 66.3013, 51.9006



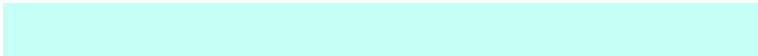
59.0202, 66.3013, 100.0066

Complementary

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



73.0669, 66.3013, 69.9192



75.2287, 89.9980, 98.2042

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.



55.4643, 66.3013, 89.0279



73.0669, 66.3013, 69.9192



54.7313, 66.3013, 61.1128

Square

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



73.0669, 66.3013, 69.9192



62.2191, 66.3013, 48.1312



53.9344, 66.3013, 74.5112



63.8225, 66.3013, 103.1703

Rectangle

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



73.0669, 66.3013, 69.9192



68.7104, 66.3013, 51.9914



53.9344, 66.3013, 74.5112



57.6478, 66.3013, 97.0427

Sweetspot

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



73.0685, 66.3042, 69.9206



87.4309, 88.2606, 95.5740



75.0874, 66.6037, 103.5060



18.5800, 18.6858, 20.2212



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.



73.0685, 66.3042, 69.9206



69.3309, 60.6412, 63.0877



75.5194, 73.5088, 63.6381



18.1658, 18.0496, 19.4900



21.9361, 11.2637, 3.0479



2.1735, 1.1118, 0.4951

Inverse Universe

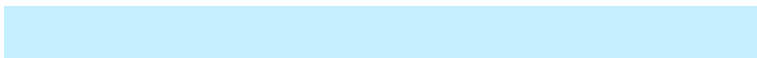
The Inverse Universe completely reimagines the original color for something new.



73.0685, 66.3042, 69.9206



69.3309, 60.6412, 63.0877



72.1635, 80.8728, 106.4143



18.1658, 18.0496, 19.4900



21.9361, 11.2637, 3.0479



2.1735, 1.1118, 0.4951

Previews

White Background



This preview shows how the XYZ color 73.0669, 66.3013, 69.9192 looks on a white background.

Color Contrast Check

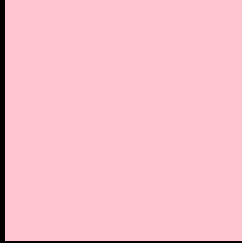
Large Text (above 18pt) WCAG AA × Fail

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 73.0669, 66.3013, 69.9192 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 73.0669, 66.3013, 69.9192

Background



This preview shows how black text looks on a background with the XYZ color 73.0669, 66.3013, 69.9192.

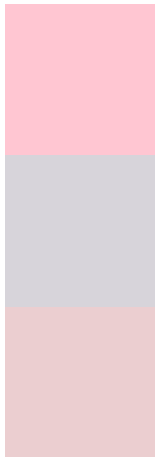


This preview shows how white text looks on a background with the XYZ color 73.0669, 66.3013,

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

73.0669, 66.3013, 69.9192

Protanopia

64.2227, 66.5960, 75.7991

Deuteranopia

67.7174, 66.3588, 68.9140



Tritanopia

73.4443, 66.4523, 71.9064

Trichromacy



Original Color

73.0669, 66.3013, 69.9192

Protanomaly

67.2117, 66.3549, 73.5553

Deuteranomaly

69.4825, 66.1926, 69.4359

Tritanomaly

73.3177, 66.4016, 71.2399

Monochromacy



Original Color

73.0669, 66.3013, 69.9192

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.5712, 67.2790, 73.0431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0669, 66.3013, 69.9192 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(255, 198, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 210)  
}
```

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(255, 198, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 210) }
```

Border

The CSS property to change the border of an element to XYZ 73.0669, 66.3013, 69.9192 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(255, 198, 210) }
```


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

```
.border{ border-color:rgb(255, 198, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0669, 66.3013, 69.9192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 210) }
```

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

```
.background{ background-color: rgb(255,  
198, 210) }
```

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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