

Converting Colors

XYZ(73.0214, 66.6132, 68.6617)

Have a look what the booklet for
XYZ(73.0214, 66.6132, 68.6617)
contains.

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Color

**XYZ(73.0486, 66.6609,
68.6913)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7D0
RGB	255, 199, 208
RGB Percent	100%, 78%, 82%
CMY	0.0000, 0.2196, 0.1843
CMYK	0.00, 0.22, 0.18, 0.00
HSL	350°, 100%, 89%
HSV	350°, 22%, 100%
XYZ	73.0486, 66.6609, 68.6913
YIQ	216.7700, 30.4870, 14.6710

Conversions

Conversions Part 2

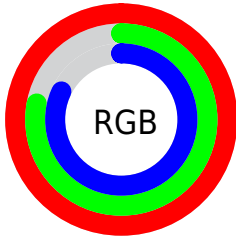
Format	Color
R _Y B	255, 199, 208
Decimal	16762832
CIE _{Lab}	85.33, 21.22, 3.18
CIE _{LCh}	85, 21.455, 8.523
Yxy	66.6609, 0.3505, 0.3199
Android (android.graphics.Color)	4294952912 (0xFFFFC7D0)
YUV	216.7700, -4.3236, 33.5277
Hunter-Lab	81.6461, 16.8228, 7.2699

Details

The XYZ color **73.0486, 66.6609, 68.6913** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9501, 90.3171, 100.6225**, and the grayscale version is **65.8113, 69.2386, 75.4008**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2468, 34.5897, 35.1798** is the 20% darker color. If you saturate the color by 10%, you get **65.2075, 54.9123, 53.9507**, and if you desaturate by 10%, it is **82.2314, 80.5236, 85.6340**.

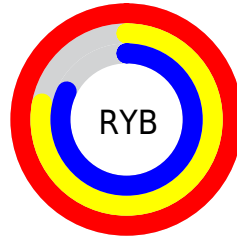
Distribution



Red (100%)

Green (78%)

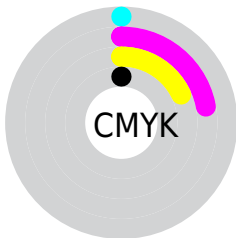
Blue (82%)



Red (100%)

Yellow (78%)

Blue (82%)

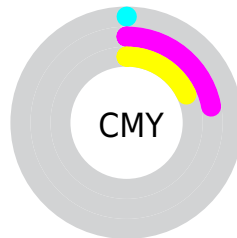


Cyan (0%)

Magenta (22%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0486, 66.6609, 68.6913 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 73.0486, 66.6609, 68.6913 by changing the saturation by 10% instead.


 73.0486, 66.6609,
68.6913

 73.0486, 66.6609,
68.6913

460.2844,
448.7368, 474.6059

 54.3042, 48.8091,
49.9901


122.5490,
114.4344, 119.0041

 39.0766, 34.4681,
35.0344


154.0357,
145.1249, 151.4528

 27.0003, 23.2534,
23.4056


190.5005,
180.8637, 189.3212

 17.7100, 14.7807,
14.6852

232.3089,
222.0352, 233.0276

 10.8404, 8.6656,
8.4546

279.8261,
269.0239, 282.9908

 6.0261, 4.5237,
4.2953

333.4175,

 2.9018, 1.9706,

322.2142, 339.6292

1.7887

393.4485,
381.9903, 403.3614

■ 1.1020, 0.5903,
0.4205

■ 0.0268, 0.0000,
0.0000

■ 73.0486, 66.6609,
68.6913

■ 73.0486, 66.6609,
68.6913

■ 65.2075, 54.9123,
53.9507

■ 82.2314, 80.5236,
85.6340

■ 58.6401, 45.1654,
41.3173

■ 92.8099, 96.5880,
104.8602

■ 53.2799, 37.3109,
30.6955

95.0500, 100.0000,
108.9000

■ 49.0522, 31.2253,
21.9803

■ 45.8737, 26.7704,
15.0572

■ 43.6497, 23.7875,
9.7993

■ 42.2674, 22.0857,
6.0619

■ 41.6396, 21.4199,
4.0344

Harmonies

Analogous

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



72.4508, 66.6609, 82.8195



73.0486, 66.6609, 68.6913



70.9482, 66.6609, 57.1696

Triad

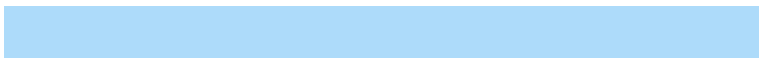
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0486, 66.6609, 68.6913



57.7202, 66.6609, 53.6078



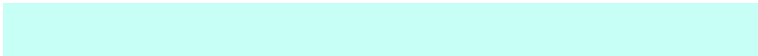
60.0018, 66.6609, 100.4170

Complementary

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



73.0486, 66.6609, 68.6913



75.9501, 90.3171, 100.6225

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.



56.3316, 66.6609, 90.5426



73.0486, 66.6609, 68.6913



55.0619, 66.6609, 63.2257

Square

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



73.0486, 66.6609, 68.6913



61.9855, 66.6609, 49.2196



54.5669, 66.6609, 76.6177



64.7530, 66.6609, 102.3683

Rectangle

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



73.0486, 66.6609, 68.6913



68.3606, 66.6609, 52.0826



54.5669, 66.6609, 76.6177



58.6079, 66.6609, 97.8589

Sweetspot

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



73.0502, 66.6638, 68.6927



87.2984, 88.2076, 94.8764



76.3644, 67.6024, 103.6315



18.5494, 18.6736, 20.0601



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.



73.0502, 66.6638, 68.6927



69.7227, 61.6661, 62.4747



76.5356, 75.3560, 64.5479



18.1284, 18.0347, 19.2931



21.7925, 11.2063, 2.2918



2.1542, 1.1041, 0.3937

Inverse Universe

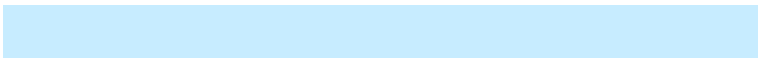
The Inverse Universe completely reimagines the original color for something new.



73.0502, 66.6638, 68.6927



69.7227, 61.6661, 62.4747



71.6969, 79.5472, 106.1830



18.1284, 18.0347, 19.2931



21.7925, 11.2063, 2.2918



2.1542, 1.1041, 0.3937

Previews

White Background



This preview shows how the XYZ color 73.0486, 66.6609, 68.6913 looks on a white background.

Color Contrast Check

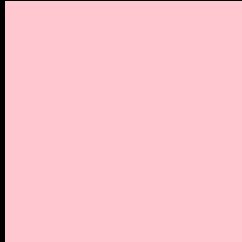
Large Text (above 18pt) WCAG AA × Fail

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 73.0486, 66.6609, 68.6913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

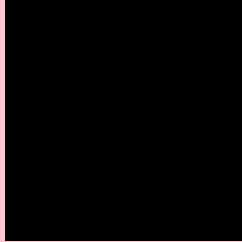
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0486, 66.6609, 68.6913

Background



This preview shows how black text looks on a background with the XYZ color 73.0486, 66.6609, 68.6913.



This preview shows how white text looks on a background with the XYZ color 73.0486, 66.6609,

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

73.0486, 66.6609, 68.6913

Protanopia

64.5534, 66.7965, 74.4564

Deuteranopia

68.2588, 66.6521, 68.2990



Tritanopia

73.4443, 66.4523, 71.9064

Trichromacy



Original Color

73.0486, 66.6609, 68.6913

Protanomaly

67.2781, 66.4187, 72.2249

Deuteranomaly

69.9266, 66.4500, 68.1721

Tritanomaly

73.1920, 66.3513, 70.5775

Monochromacy



Original Color

73.0486, 66.6609, 68.6913

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.1392, 67.9372, 73.1402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0486, 66.6609, 68.6913 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, 199, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 208)  
}
```

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, 199, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 208) }
```

Border

The CSS property to change the border of an element to XYZ 73.0486, 66.6609, 68.6913 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, 199, 208) }
```


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

```
.border{ border-color:rgb(255, 199, 208) }
```

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

Here you see how a box with a 4 pixel rgb(255, 199, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0486, 66.6609, 68.6913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 208) }
```

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

```
.background{ background-color: rgb(255,  
199, 208) }
```

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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