

Converting Colors

XYZ(116.0131, 89.9560,
71.1831)

Have a look what the booklet for
XYZ(116.0131, 89.9560, 71.1831)
contains.

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Color

**XYZ(73.7457, 68.0551,
68.9236)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCAD0
RGB	255, 202, 208
RGB Percent	100%, 79%, 82%
CMY	0.0000, 0.2078, 0.1843
CMYK	0.00, 0.21, 0.18, 0.00
HSL	353°, 100%, 90%
HSV	353°, 21%, 100%
XYZ	73.7457, 68.0551, 68.9236
YIQ	218.5310, 29.6620, 13.1020

Conversions

Conversions Part 2

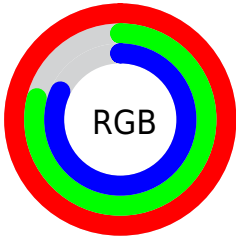
Format	Color
R _Y B	255, 202, 208
Decimal	16763600
CIE Lab	86.03, 19.65, 4.20
CIE LCh	86, 20.089, 12.056
Yxy	68.0551, 0.3500, 0.3230
Android (android.graphics.Color)	4294953680 (0xFFFFCAD0)
YUV	218.5310, -5.1918, 31.9833
Hunter-Lab	82.4955, 15.2004, 8.2111

Details

The XYZ color **73.7457, 68.0551, 68.9236** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.2184, 90.9173, 103.1053**, and the grayscale version is **67.0290, 70.5197, 76.7960**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7113, 35.5187, 35.3346** is the 20% darker color. If you saturate the color by 10%, you get **65.6625, 56.0286, 53.4668**, and if you desaturate by 10%, it is **83.2174, 82.2233, 86.8023**.

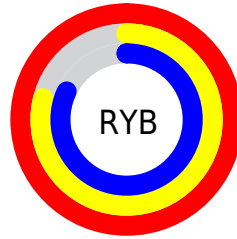
Distribution



Red (100%)

Green (79%)

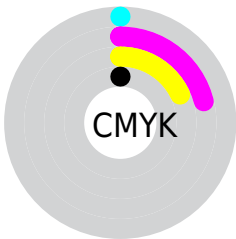
Blue (82%)



Red (100%)

Yellow (79%)

Blue (82%)

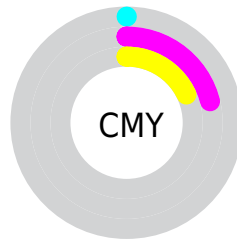


Cyan (0%)

Magenta (21%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7457, 68.0551, 68.9236 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 73.7457, 68.0551, 68.9236 by changing the saturation by 10% instead.


 73.7457, 68.0551,
68.9236

 73.7457, 68.0551,
68.9236


462.6591,
453.6912, 475.4481

 54.8765, 49.9426,
50.1781


123.5327,
116.4310, 119.3391

 39.5363, 35.3678,
35.1828


155.1812,
147.4631, 151.8462

 27.3598, 23.9463,
23.5190

191.8201,
183.5705, 189.7777

 17.9816, 15.2938,
14.7683

233.8148,
225.1377, 233.5519

 11.0364, 9.0258,
8.5121

281.5308,
272.5489, 283.5875

 6.1588, 4.7580,
4.3319

335.3332,

 2.9834, 2.1060,

326.1886, 340.3031

1.8091

395.5875,
386.4413, 404.1171

■ 1.1450, 0.6680,
0.4340

■ 0.0623, 0.0000,
0.0000

■ 73.7457, 68.0551,
68.9236

■ 73.7457, 68.0551,
68.9236

■ 65.6625, 56.0286,
53.4668

■ 83.2174, 82.2233,
86.8023

■ 58.8979, 46.0313,
40.3236

■ 94.1338, 98.6210,
107.1965

■ 53.3830, 37.9538,
29.3835

■ 95.0500, 100.0000,
108.9000

■ 49.0405, 31.6726,
20.5255

■ 45.7849, 27.0503,
13.6168

■ 43.5184, 23.9291,
8.5092

■ 42.1257, 22.1208,
5.0327

■ 41.4599, 21.3480,
3.0880

Harmonies

Analogous

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



73.4888, 68.0551, 82.1997



73.7457, 68.0551, 68.9236



71.4914, 68.0551, 58.3633

Triad

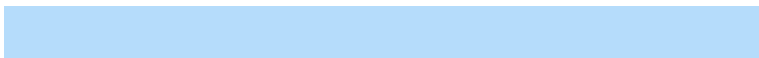
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7457, 68.0551, 68.9236



58.9266, 68.0551, 56.8049



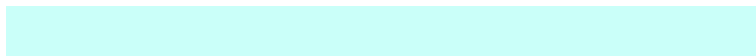
61.9918, 68.0551, 100.9699

Complementary

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



73.7457, 68.0551, 68.9236



77.2184, 90.9173, 103.1053

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.



58.3237, 68.0551, 92.4391



73.7457, 68.0551, 68.9236



56.6127, 68.0551, 66.5515

Square

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



73.7457, 68.0551, 68.9236



62.8505, 68.0551, 51.9440



56.3974, 68.0551, 79.5302



66.5535, 68.0551, 101.8017

Rectangle

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



73.7457, 68.0551, 68.9236



68.9275, 68.0551, 53.8609



56.3974, 68.0551, 79.5302



60.6189, 68.0551, 98.8646

Sweetspot

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



73.7473, 68.0580, 68.9250



88.2535, 89.7803, 96.2348



78.1738, 69.5701, 103.9159



18.7384, 18.9892, 20.3151



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.



73.7473, 68.0580, 68.9250



70.1718, 62.7293, 62.1155



78.1079, 77.9375, 66.8076



18.0929, 18.0205, 19.1064



21.6901, 11.1653, 1.7527



2.1376, 1.0974, 0.3063

Inverse Universe

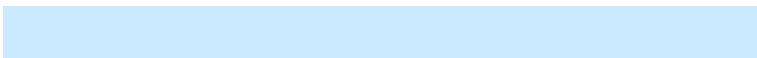
The Inverse Universe completely reimagines the original color for something new.



73.7473, 68.0580, 68.9250



70.1718, 62.7293, 62.1155



72.0272, 79.0142, 106.0628



18.0929, 18.0205, 19.1064



21.6901, 11.1653, 1.7527



2.1376, 1.0974, 0.3063

Previews

White Background



This preview shows how the XYZ color 73.7457, 68.0551, 68.9236 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 73.7457, 68.0551, 68.9236 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 73.7457, 68.0551, 68.9236

Background



This preview shows how black text looks on a background with the XYZ color 73.7457, 68.0551, 68.9236.



This preview shows how white text looks on a background with the XYZ color 73.7457, 68.0551,

68.9236.

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

73.7457, 68.0551, 68.9236

Protanopia

65.5257, 68.0595, 73.9732

Deuteranopia

69.4150, 67.9675, 68.4920



Tritanopia

74.5213, 67.9912, 74.1617

Trichromacy



Original Color

73.7457, 68.0551, 68.9236

Protanomaly

68.2090, 68.0025, 71.8181

Deuteranomaly

70.9900, 68.0601, 68.4268

Tritanomaly

74.1369, 67.8374, 72.1373

Monochromacy



Original Color

73.7457, 68.0551, 68.9236

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.3387, 69.6506, 74.0793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7457, 68.0551, 68.9236 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, 202, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 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, 202, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 208) }
```

Border

The CSS property to change the border of an element to XYZ 73.7457, 68.0551, 68.9236 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, 202, 208) }
```


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

```
.border{ border-color:rgb(255, 202, 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, 202, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 202, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 202, 208); box-shadow:4px 4px 4px 4px rgb(255, 202, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7457, 68.0551, 68.9236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 208) }
```

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

```
.background{ background-color: rgb(255,  
202, 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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