

Converting Colors

Yxy(68.1539, 0.3499, 0.3231)

Have a look what the booklet for
Yxy(68.1539, 0.3499, 0.3231)
contains.

Yxy(68.0551, 0.3500, 0.3230)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.0551, 0.3500, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	FFCAD0
RGB	255, 202, 208
RGB Percent	100%, 79%, 82%
CMY	0.0000, 0.2078, 0.1845
CMYK	0.00, 0.21, 0.18, 0.00
HSL	353°, 100%, 90%
HSV	353°, 21%, 100%
XYZ	73.7439, 68.0551, 68.8979
YIQ	218.5310, 29.6620, 13.1020

Conversions

Conversions Part 2

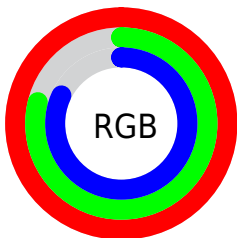
Format	Color
R_{YB}	255, 202, 208
Decimal	16763600
CIE Lab	86.03, 19.64, 4.22
CIE LCh	86, 20.090, 12.118
Yxy	68.0551, 0.3500, 0.3230
Android (android.graphics.Color)	4294953680 (0xFFFFCAD0)
YUV	218.5310, -5.1918, 31.9833
Hunter-Lab	82.4955, 15.1965, 8.2296

Details

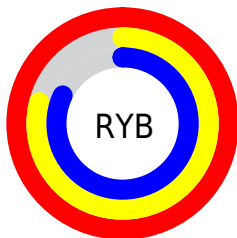
The Yxy color **68.0551, 0.3500, 0.3230** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.9200, 0.2847, 0.3351**, and the grayscale version is **70.5169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5187, 0.3592, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **56.0265, 0.3749, 0.3199**, and if you desaturate by 10%, it is **82.2227, 0.3299, 0.3260**.

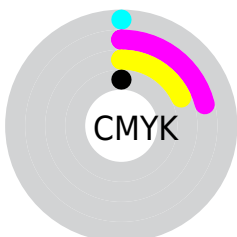
Distribution



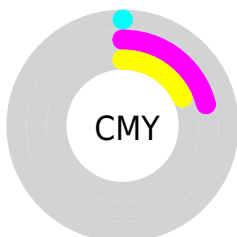
- Red (100%)
- Green (79%)
- Blue (82%)



- 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 Yxy color 68.0551, 0.3500, 0.3230 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 Yxy color 68.0551, 0.3500, 0.3230 by changing the saturation by 10% instead.

 68.0551, 0.3500,
0.3230

 68.0551, 0.3500,
0.3230

453.6912, 0.3324,
0.3260

 49.9426, 0.3541,
0.3223


116.4310, 0.3438,
0.3241

 35.3678, 0.3592,
0.3213


147.4631, 0.3415,
0.3245

 23.9463, 0.3657,
0.3201


183.5705, 0.3394,
0.3248

 15.2938, 0.3743,
0.3184

225.1377, 0.3377,
0.3251

 9.0258, 0.3863,
0.3159

272.5489, 0.3361,
0.3254

 4.7580, 0.4040,
0.3121


326.1886, 0.3347,


 2.1060, 0.4326,


0.3256


0.3054

386.4413, 0.3335,
0.3258


 0.6680, 0.5099,
0.2975


 0.0000, 1.0000,
0.0000


 68.0551, 0.3500,
0.3230


 68.0551, 0.3500,
0.3230


 56.0265, 0.3749,
0.3199


 82.2227, 0.3299,
0.3260

 46.0288, 0.4056,
0.3170

 98.6216, 0.3138,
0.3288

 37.9511, 0.4423,
0.3145

 100.0000, 0.3127,
0.3290

 31.6700, 0.4846,
0.3130

■ 27.0479, 0.5298,
0.3130

■ 23.9271, 0.5731,
0.3152

■ 22.1193, 0.6082,
0.3194

■ 21.3470, 0.6293,
0.3240

Harmonies

Analogous

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



68.0551, 0.3285, 0.3042



68.0551, 0.3500, 0.3230



68.0551, 0.3612, 0.3439

Triad

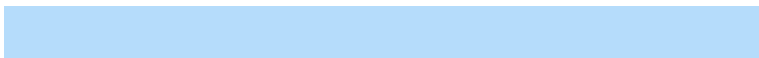
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.0551, 0.3500, 0.3230



68.0551, 0.3206, 0.3703



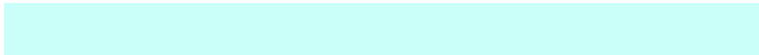
68.0551, 0.2684, 0.2946

Complementary

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



68.0551, 0.3500, 0.3230



90.9200, 0.2847, 0.3351

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.



68.0551, 0.2665, 0.3110



68.0551, 0.3500, 0.3230



68.0551, 0.2960, 0.3559

Square

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



68.0551, 0.3500, 0.3230



68.0551, 0.3437, 0.3722



68.0551, 0.2764, 0.3336



68.0551, 0.2816, 0.2879

Rectangle

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



68.0551, 0.3500, 0.3230



68.0551, 0.3612, 0.3566



68.0551, 0.2764, 0.3336



68.0551, 0.2664, 0.2991

Sweetspot

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



68.0566, 0.3500, 0.3230



89.7796, 0.3218, 0.3274



69.5706, 0.3106, 0.2764



18.9891, 0.3228, 0.3272



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

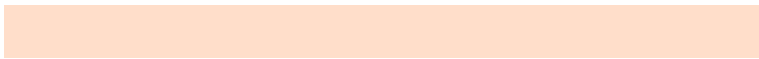
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.0566, 0.3500, 0.3230



62.7270, 0.3599, 0.3217



77.9379, 0.3505, 0.3497



18.0202, 0.3277, 0.3264



11.1648, 0.6269, 0.3227



1.0973, 0.6039, 0.3100

Inverse Universe

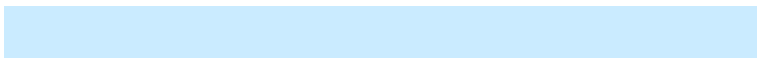
The Inverse Universe completely reimagines the original color for something new.



68.0566, 0.3500, 0.3230



62.7270, 0.3599, 0.3217



79.0146, 0.2801, 0.3073



18.0202, 0.3277, 0.3264



11.1648, 0.6269, 0.3227



1.0973, 0.6039, 0.3100

Previews

White Background



This preview shows how the Yxy color 68.0551, 0.3500, 0.3230 looks on a white background.

Color Contrast Check

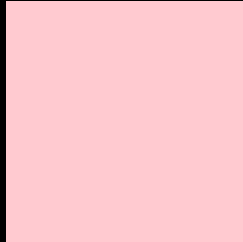
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 68.0551, 0.3500, 0.3230 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](#).

Yxy 68.0551, 0.3500, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 68.0551, 0.3500, 0.3230.



This preview shows how white text looks on a background with the Yxy color 68.0551, 0.3500, 0.3230.

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

68.0551, 0.3500, 0.3230

Protanopia

68.0595, 0.3157, 0.3279

Deuteranopia

67.9675, 0.3372, 0.3301



Tritanopia

67.9912, 0.3439, 0.3138

Trichromacy



Original Color

68.0551, 0.3500, 0.3230

Protanomaly

68.0025, 0.3279, 0.3269

Deuteranomaly

68.0601, 0.3422, 0.3280

Tritanomaly

67.8374, 0.3463, 0.3168

Monochromacy



Original Color

68.0551, 0.3500, 0.3230

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.6506, 0.3254, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0551, 0.3500, 0.3230 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 Yxy 68.0551, 0.3500, 0.3230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

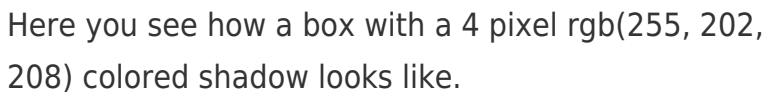
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.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 Yxy 68.0551, 0.3500, 0.3230 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](#).

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