

Converting Colors

Yxy(64.2496, 0.3498, 0.3118)

Have a look what the booklet for
Yxy(64.2496, 0.3498, 0.3118)
contains.

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Color

Yxy(64.0531, 0.3500, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1D2
RGB	255, 193, 210
RGB Percent	100%, 76%, 82%
CMY	0.0000, 0.2431, 0.1764
CMYK	0.00, 0.24, 0.18, 0.00
HSL	344°, 100%, 88%
HSV	344°, 24%, 100%
XYZ	71.9467, 64.0531, 69.5622
YIQ	213.4760, 31.4950, 18.4310

Conversions

Conversions Part 2

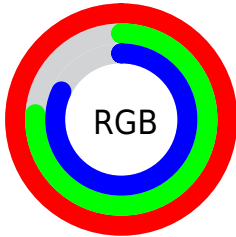
Format	Color
R _Y B	255, 193, 210
Decimal	16761298
CIE Lab	83.99, 24.67, 0.15
CIE LCh	84, 24.675, 0.346
Yxy	64.0531, 0.3500, 0.3116
Android (android.graphics.Color)	4294951378 (0xFFFFC1D2)
YUV	213.4760, -1.7137, 36.4165
Hunter-Lab	80.0332, 20.4064, 4.4903

Details

The Yxy color **64.0531, 0.3500, 0.3116** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.0291, 0.2854, 0.3472**, and the grayscale version is **66.8726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **32.7359, 0.3584, 0.3067** is the 20% darker color. If you saturate the color by 10%, you get **52.8666, 0.3716, 0.3040**, and if you desaturate by 10%, it is **77.2939, 0.3324, 0.3190**.

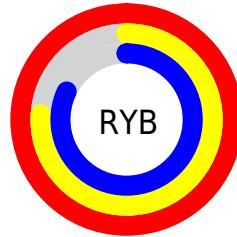
Distribution



Red (100%)

Green (76%)

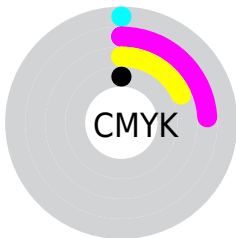
Blue (82%)



Red (100%)

Yellow (76%)

Blue (82%)

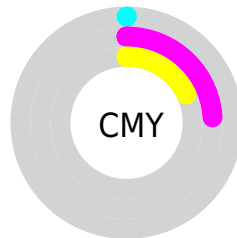


Cyan (0%)

Magenta (24%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.0531, 0.3500, 0.3116 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 64.0531, 0.3500, 0.3116 by changing the saturation by 10% instead.


 64.0531, 0.3500,
0.3116

 64.0531, 0.3500,
0.3116

439.3814, 0.3323,
0.3199

 46.6937, 0.3541,
0.3097


 110.6874, 0.3438,
0.3145

 32.7936, 0.3593,
0.3072


140.7311, 0.3414,
0.3156

 21.9684, 0.3660,
0.3041


175.7716, 0.3393,
0.3166

 13.8336, 0.3748,
0.3000

216.1935, 0.3376,
0.3174

 8.0051, 0.3871,
0.2942

262.3810, 0.3360,
0.3181

 4.0982, 0.4055,
0.2856

314.7185, 0.3346,

 1.7286, 0.4356,

0.3188

0.2714

373.5905, 0.3334,
0.3194

0.4421, 0.5315,
0.2269

0.0000, 0.0000,
0.0000

64.0531, 0.3500,
0.3116

64.0531, 0.3500,
0.3116

52.8666, 0.3716,
0.3040

77.2939, 0.3324,
0.3190

43.6249, 0.3977,
0.2968

92.6790, 0.3180,
0.3261

36.2178, 0.4287,
0.2906

100.0000, 0.3127,
0.3290

30.5212, 0.4639,
0.2865

■ 26.3956, 0.5019,
0.2855

■ 23.6795, 0.5398,
0.2888

■ 22.1751, 0.5734,
0.2966

■ 21.7026, 0.5897,
0.3022

Harmonies

Analogous

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



64.0531, 0.3200, 0.2910



64.0531, 0.3500, 0.3116



64.0531, 0.3701, 0.3370

Triad

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



64.0531, 0.3500, 0.3116



64.0531, 0.3343, 0.3841



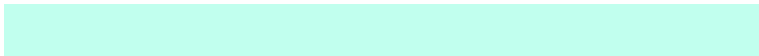
64.0531, 0.2550, 0.2924

Complementary

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



64.0531, 0.3500, 0.3116



89.0291, 0.2854, 0.3472

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.



64.0531, 0.2585, 0.3166



64.0531, 0.3500, 0.3116



64.0531, 0.3033, 0.3719

Square

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



64.0531, 0.3500, 0.3116



64.0531, 0.3604, 0.3796



64.0531, 0.2758, 0.3463



64.0531, 0.2659, 0.2795

Rectangle

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



64.0531, 0.3500, 0.3116



64.0531, 0.3746, 0.3539



64.0531, 0.2758, 0.3463



64.0531, 0.2545, 0.2994

Sweetspot

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



64.0551, 0.3500, 0.3116



88.3292, 0.3216, 0.3243



63.4398, 0.3025, 0.2658



18.7016, 0.3224, 0.3238



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.



64.0551, 0.3500, 0.3116



58.5621, 0.3596, 0.3081



69.4624, 0.3607, 0.3430



18.0690, 0.3251, 0.3225



11.3615, 0.5856, 0.3000



1.1237, 0.5537, 0.2824

Inverse Universe

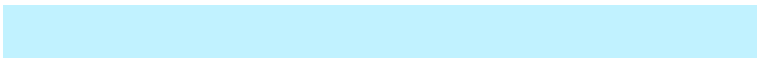
The Inverse Universe completely reimagines the original color for something new.



64.0551, 0.3500, 0.3116



58.5621, 0.3596, 0.3081



81.8044, 0.2755, 0.3145



18.0690, 0.3251, 0.3225



11.3615, 0.5856, 0.3000



1.1237, 0.5537, 0.2824

Previews

White Background



This preview shows how the Yxy color 64.0531, 0.3500, 0.3116 looks on a white background.

Color Contrast Check

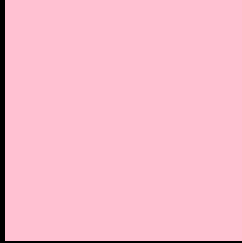
Large Text (above 18pt) WCAG AA × Fail

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 64.0531, 0.3500, 0.3116 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 64.0531, 0.3500, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 64.0531, 0.3500, 0.3116.



This preview shows how white text looks on a background with the Yxy color 64.0531, 0.3500, 0.3116.

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

64.0531, 0.3500, 0.3116

Protanopia

64.5643, 0.3073, 0.3177

Deuteranopia

64.0889, 0.3301, 0.3236



Tritanopia

63.9540, 0.3516, 0.3137

Trichromacy



Original Color

64.0531, 0.3500, 0.3116

Protanomaly

64.0006, 0.3218, 0.3148

Deuteranomaly

63.8010, 0.3370, 0.3184

Tritanomaly

64.0034, 0.3508, 0.3127

Monochromacy



Original Color

64.0531, 0.3500, 0.3116

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.3901, 0.3252, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0531, 0.3500, 0.3116 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, 193, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 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, 193, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 210) }
```

Border

The CSS property to change the border of an element to Yxy 64.0531, 0.3500, 0.3116 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, 193, 210) }
```

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

```
.border{ border-color:rgb(255, 193, 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, 193, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0531, 0.3500, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 210) }
```

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

```
.background{ background-color: rgb(255,  
193, 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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