

Converting Colors

$Y_{xy}(64.1079, 0.3492, 0.3106)$

Have a look what the booklet for
Yxy(64.1079, 0.3492, 0.3106)
contains.

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Color

Yxy(64.1031, 0.3492, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1D3
RGB	255, 193, 211
RGB Percent	100%, 76%, 83%
CMY	0.0000, 0.2431, 0.1725
CMYK	0.00, 0.24, 0.17, 0.00
HSL	343°, 100%, 88%
HSV	343°, 24%, 100%
XYZ	72.0696, 64.1031, 70.2121
YIQ	213.5900, 31.1740, 18.7420

Conversions

Conversions Part 2

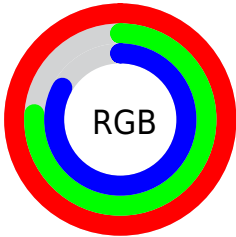
Format	Color
R _Y B	255, 193, 211
Decimal	16761299
CIE Lab	84.02, 24.82, -0.34
CIE LCh	84, 24.824, 359.213
Yxy	64.1031, 0.3492, 0.3106
Android (android.graphics.Color)	4294951379 (0xFFFFC1D3)
YUV	213.5900, -1.2769, 36.3166
Hunter-Lab	80.0644, 20.5631, 4.0510

Details

The Yxy color $64.1031, 0.3492, 0.3106$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $88.9718, 0.2859, 0.3483$, and the grayscale version is $66.9504, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.8512, 0.3129, 0.3242$, and $32.7699, 0.3573, 0.3054$ is the 20% darker color. If you saturate the color by 10%, you get $52.9294, 0.3703, 0.3026$, and if you desaturate by 10%, it is $77.3278, 0.3319, 0.3185$.

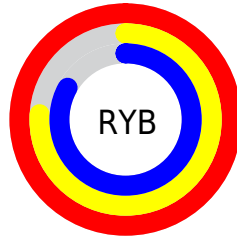
Distribution



Red (100%)

Green (76%)

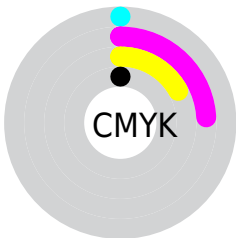
Blue (83%)



Red (100%)

Yellow (76%)

Blue (83%)

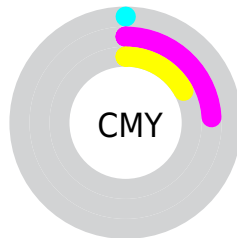


Cyan (0%)

Magenta (24%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.1031, 0.3492, 0.3106 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 64.1031, 0.3492, 0.3106 by changing the saturation by 10% instead.


 64.1031, 0.3492,
0.3106

 64.1031, 0.3492,
0.3106


439.5619, 0.3319,
0.3193

 46.7342, 0.3532,
0.3086


 110.7594, 0.3431,
0.3137

 32.8256, 0.3583,
0.3060


140.8156, 0.3408,
0.3148

 21.9929, 0.3648,
0.3028


175.8696, 0.3388,
0.3158

 13.8516, 0.3734,
0.2984

216.3060, 0.3371,
0.3167

 8.0176, 0.3854,
0.2924

262.5089, 0.3355,
0.3175

 4.1062, 0.4033,
0.2835

314.8630, 0.3342,

 1.7331, 0.4326,

0.3182

0.2688

373.7525, 0.3330,
0.3188

0.4450, 0.5225,
0.2229

0.0000, 0.0000,
0.0000

64.1031, 0.3492,
0.3106

64.1031, 0.3492,
0.3106

52.9294, 0.3703,
0.3026

77.3278, 0.3319,
0.3185

43.6958, 0.3958,
0.2950

92.6915, 0.3179,
0.3259

36.2928, 0.4259,
0.2884

100.0000, 0.3127,
0.3290

30.5967, 0.4603,
0.2838

■ 26.4684, 0.4974,
0.2826

■ 23.7465, 0.5345,
0.2858

■ 22.2338, 0.5680,
0.2935

■ 21.7556, 0.5844,
0.2993

Harmonies

Analogous

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



64.1031, 0.3188, 0.2902



64.1031, 0.3492, 0.3106



64.1031, 0.3700, 0.3360

Triad

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



64.1031, 0.3492, 0.3106



64.1031, 0.3356, 0.3846



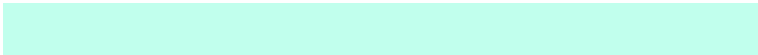
64.1031, 0.2545, 0.2929

Complementary

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



64.1031, 0.3492, 0.3106



88.9718, 0.2859, 0.3483

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.



64.1031, 0.2586, 0.3176



64.1031, 0.3492, 0.3106



64.1031, 0.3044, 0.3729

Square

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



64.1031, 0.3492, 0.3106



64.1031, 0.3615, 0.3794



64.1031, 0.2764, 0.3475



64.1031, 0.2650, 0.2795

Rectangle

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



64.1031, 0.3492, 0.3106



64.1031, 0.3749, 0.3531



64.1031, 0.2764, 0.3475



64.1031, 0.2542, 0.3001

Sweetspot

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



64.1057, 0.3492, 0.3106



88.3463, 0.3214, 0.3240



63.2634, 0.3017, 0.2657



18.7056, 0.3222, 0.3235



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.



64.1057, 0.3492, 0.3106



58.6177, 0.3586, 0.3069



68.9663, 0.3609, 0.3419



18.0739, 0.3248, 0.3221



11.3901, 0.5802, 0.2970



1.1270, 0.5482, 0.2793

Inverse Universe

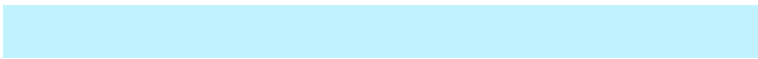
The Inverse Universe completely reimagines the original color for something new.



64.1057, 0.3492, 0.3106



58.6177, 0.3586, 0.3069



82.4205, 0.2756, 0.3156



18.0739, 0.3248, 0.3221



11.3901, 0.5802, 0.2970



1.1270, 0.5482, 0.2793

Previews

White Background



This preview shows how the Yxy color 64.1031, 0.3492, 0.3106 looks on a white background.

Color Contrast Check

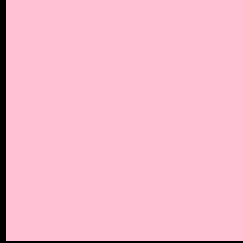
Large Text (above 18pt) WCAG AA × Fail

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 64.1031, 0.3492, 0.3106 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 64.1031, 0.3492, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 64.1031, 0.3492, 0.3106.



This preview shows how white text looks on a background with the Yxy color 64.1031, 0.3492, 0.3106.

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

64.1031, 0.3492, 0.3106

Protanopia

64.6171, 0.3067, 0.3166

Deuteranopia

64.1383, 0.3293, 0.3225



Tritanopia

63.9540, 0.3516, 0.3137

Trichromacy



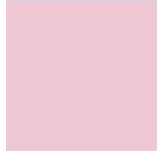
Original Color

64.1031, 0.3492, 0.3106



Protanomaly

64.0525, 0.3211, 0.3137



Deuteranomaly

63.8507, 0.3362, 0.3173



Tritanomaly

64.0034, 0.3508, 0.3127

Monochromacy



Original Color

64.1031, 0.3492, 0.3106



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

65.6047, 0.3253, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1031, 0.3492, 0.3106 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 211) }
```

Border

The CSS property to change the border of an element to Yxy 64.1031, 0.3492, 0.3106 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, 211) }
```

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

```
.border{ border-color:rgb(255, 193, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1031, 0.3492, 0.3106 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, 211) }
```

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

```
.background{ background-color: rgb(255,  
193, 211) }
```

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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