

Converting Colors

$Y_{xy}(64.7313, 0.3584, 0.3257)$

Have a look what the booklet for
Yxy(64.7313, 0.3584, 0.3257)
contains.

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Color

Yxy(64.8634, 0.3583, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4C7
RGB	255, 196, 199
RGB Percent	100%, 77%, 78%
CMY	0.0000, 0.2314, 0.2195
CMYK	0.00, 0.23, 0.22, 0.00
HSL	357°, 100%, 88%
HSV	357°, 23%, 100%
XYZ	71.2900, 64.8634, 62.8140
YIQ	213.9830, 34.2010, 13.4410

Conversions

Conversions Part 2

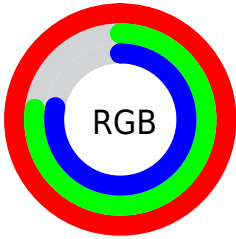
Format	Color
R _Y B	255, 196, 199
Decimal	16762055
CIE Lab	84.41, 21.47, 6.63
CIE LCh	84, 22.476, 17.166
Yxy	64.8634, 0.3583, 0.3260
Android (android.graphics.Color)	4294952135 (0xFFFFC4C7)
YUV	213.9830, -7.3866, 35.9719
Hunter-Lab	80.5378, 17.0625, 10.1343

Details

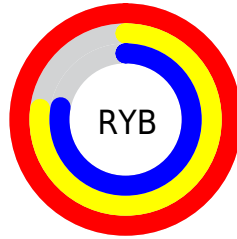
The Yxy color **64.8634, 0.3583, 0.3260** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.2795, 0.2799, 0.3321**, and the grayscale version is **67.2693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **33.2607, 0.3696, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **53.2875, 0.3864, 0.3247**, and if you desaturate by 10%, it is **78.5788, 0.3357, 0.3273**.

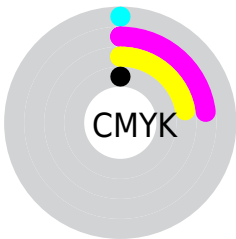
Distribution



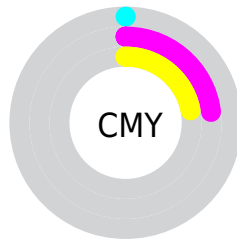
- Red (100%)
- Green (77%)
- Blue (78%)



- Red (100%)
- Yellow (77%)
- Blue (78%)



- Cyan (0%)
- Magenta (23%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.8634, 0.3583, 0.3260 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 64.8634, 0.3583, 0.3260 by changing the saturation by 10% instead.


 64.8634, 0.3583,
0.3260

 64.8634, 0.3583,
0.3260


442.3009, 0.3366,
0.3277

 47.3503, 0.3634,
0.3255


 111.8534, 0.3507,
0.3267

 33.3127, 0.3698,
0.3249


142.0992, 0.3477,
0.3269

 22.3661, 0.3780,
0.3240


177.3580, 0.3452,
0.3271

 14.1261, 0.3890,
0.3227

218.0142, 0.3430,
0.3273

 8.2085, 0.4043,
0.3206

264.4522, 0.3411,
0.3274

 4.2286, 0.4272,
0.3171


317.0564, 0.3394,

 1.8023, 0.4647,

0.3275

0.3102

376.2111, 0.3379,
0.3276

 0.4886, 0.6417,
0.3144


 0.0000, 0.0000,
0.0000


 64.8634, 0.3583,
0.3260


 64.8634, 0.3583,
0.3260

 53.2875, 0.3864,
0.3247


 78.5788, 0.3357,
0.3273

 43.7348, 0.4209,
0.3234

 94.5243, 0.3176,
0.3286

 36.0919, 0.4619,
0.3225

99.9990, 0.3127,
0.3290

 30.2304, 0.5078,
0.3221

■ 26.0062, 0.5547,
0.3226

■ 23.2527, 0.5962,
0.3242

■ 21.7681, 0.6252,
0.3266

■ 21.2883, 0.6364,
0.3279

Harmonies

Analogous

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



64.8634, 0.3352, 0.3041



64.8634, 0.3583, 0.3260



64.8634, 0.3686, 0.3495

Triad

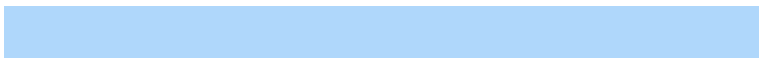
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.8634, 0.3583, 0.3260



64.8634, 0.3167, 0.3744



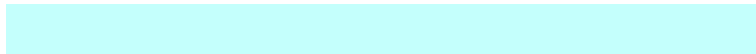
64.8634, 0.2642, 0.2878

Complementary

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



64.8634, 0.3583, 0.3260



90.2795, 0.2799, 0.3321

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.



64.8634, 0.2599, 0.3045



64.8634, 0.3583, 0.3260



64.8634, 0.2894, 0.3558

Square

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



64.8634, 0.3583, 0.3260



64.8634, 0.3438, 0.3789



64.8634, 0.2689, 0.3295



64.8634, 0.2809, 0.2824

Rectangle

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



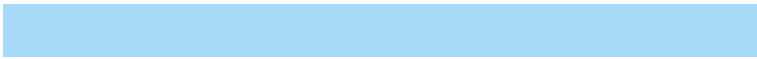
64.8634, 0.3583, 0.3260



64.8634, 0.3667, 0.3634



64.8634, 0.2689, 0.3295



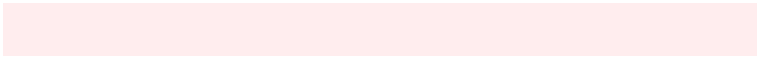
64.8634, 0.2613, 0.2922

Sweetspot

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



64.8664, 0.3583, 0.3260



88.0922, 0.3241, 0.3281



67.2228, 0.3125, 0.2707



18.6469, 0.3252, 0.3281



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

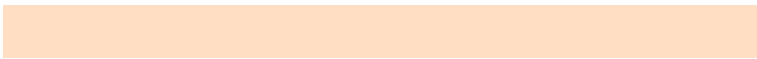
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.8664, 0.3583, 0.3260



58.9742, 0.3712, 0.3253



77.2579, 0.3549, 0.3551



18.0022, 0.3286, 0.3278



11.1303, 0.6349, 0.3271



1.0888, 0.6228, 0.3205

Inverse Universe

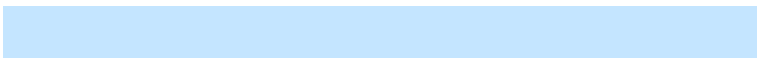
The Inverse Universe completely reimagines the original color for something new.



64.8664, 0.3583, 0.3260



58.9742, 0.3712, 0.3253



75.2346, 0.2762, 0.3013



18.0022, 0.3286, 0.3278



11.1303, 0.6349, 0.3271



1.0888, 0.6228, 0.3205

Previews

White Background



This preview shows how the Yxy color 64.8634, 0.3583, 0.3260 looks on a white background.

Color Contrast Check

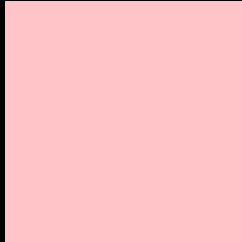
Large Text (above 18pt) WCAG AA × Fail

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 64.8634, 0.3583, 0.3260 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 64.8634, 0.3583, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 64.8634, 0.3583, 0.3260.

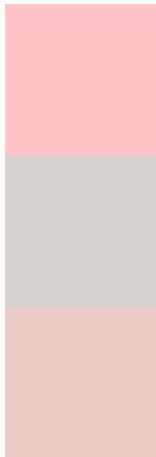


This preview shows how white text looks on a background with the Yxy color 64.8634, 0.3583, 0.3260.

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

64.8634, 0.3583, 0.3260

Protanopia

65.1971, 0.3193, 0.3324

Deuteranopia

65.0958, 0.3422, 0.3356



Tritanopia

64.8937, 0.3505, 0.3147

Trichromacy



Original Color

64.8634, 0.3583, 0.3260

Protanomaly

64.8453, 0.3328, 0.3302

Deuteranomaly

64.9052, 0.3484, 0.3323

Tritanomaly

64.6980, 0.3537, 0.3188

Monochromacy



Original Color

64.8634, 0.3583, 0.3260

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

65.8871, 0.3281, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8634, 0.3583, 0.3260 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, 196, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 199)  
}
```

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, 196, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 199) }
```

Border

The CSS property to change the border of an element to Yxy 64.8634, 0.3583, 0.3260 is called "border". The border property can be set on classes, ids or directly on the HTML element.

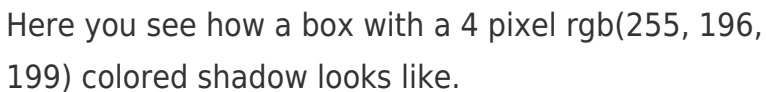
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 196, 199) }
```

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

```
.border{ border-color:rgb(255, 196, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 196, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 196, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 196, 199); box-shadow:4px 4px 4px 4px rgb(255, 196, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8634, 0.3583, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 199) }
```

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

```
.background{ background-color: rgb(255,  
196, 199) }
```

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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