

Converting Colors

$Y_{xy}(76.3033, 0.3774, 0.2980)$

Have a look what the booklet for
Yxy(76.3033, 0.3774, 0.2980)
contains.

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Color

Yxy(64.5607, 0.3359, 0.2926)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC0E4 |
| RGB | 255, 192, 228 |
| RGB Percent | 100%, 75%, 89% |
| CMY | 0.0000, 0.2472, 0.1058 |
| CMYK | 0.00, 0.25, 0.11, 0.00 |
| HSL | 326°, 100%, 88% |
| HSV | 326°, 25%, 100% |
| XYZ | 74.1146, 64.5607, 81.9696 |
| YIQ | 214.9410, 25.9920, 24.5520 |

Conversions

Conversions Part 2

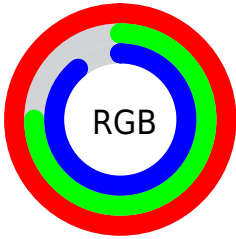
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 192, 228 |
| Decimal | 16761060 |
| CIE Lab | 84.26, 28.07, -9.08 |
| CIE LCh | 84, 29.504, 342.070 |
| Yxy | 64.5607, 0.3359, 0.2926 |
| Android (android.graphics.Color) | 4294951140 (0xFFFFC0E4) |
| YUV | 214.9410, 6.4381, 35.1317 |
| Hunter-Lab | 80.3497, 24.0367, -4.2406 |

Details

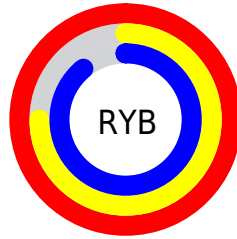
The Yxy color $64.5607, 0.3359, 0.2926$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.8348, 0.2948, 0.3685$, and the grayscale version is $67.8451, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $33.1999, 0.3413, 0.2839$ is the 20% darker color. If you saturate the color by 10%, you get $53.7202, 0.3484, 0.2773$, and if you desaturate by 10%, it is $77.3583, 0.3252, 0.3078$.

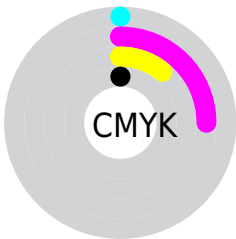
Distribution



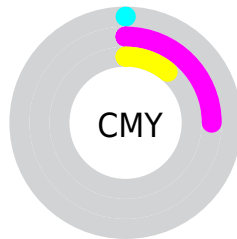
- Red (100%)
- Green (75%)
- Blue (89%)



- Red (100%)
- Yellow (75%)
- Blue (89%)



- Cyan (0%)
- Magenta (25%)
- Yellow (11%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.5607, 0.3359, 0.2926 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 64.5607, 0.3359, 0.2926 by changing the saturation by 10% instead.


 64.5607, 0.3359,
0.2926

 64.5607, 0.3359,
0.2926


441.2116, 0.3252,
0.3093

 47.1050, 0.3383,
0.2888


 111.4180, 0.3322,
0.2984

 33.1186, 0.3414,
0.2842


141.5884, 0.3307,
0.3006

 22.2173, 0.3452,
0.2783


176.7658, 0.3295,
0.3025

 14.0167, 0.3501,
0.2708

217.3346, 0.3284,
0.3042

 8.1323, 0.3569,
0.2605

263.6792, 0.3275,
0.3057

 4.1797, 0.3666,
0.2460

316.1840, 0.3266,


 1.7746, 0.3818,

0.3070

0.2238

375.2333, 0.3259,
0.3082


 0.4713, 0.4173,
0.1683


 0.0000, 1.0000,
0.0000


 64.5607, 0.3359,
0.2926

 64.5607, 0.3359,
0.2926

 53.7202, 0.3484,
0.2773


 77.3583, 0.3252,
0.3078

 44.7675, 0.3630,
0.2624

 92.2380, 0.3164,
0.3224

 37.5824, 0.3797,
0.2490

100.0000, 0.3127,
0.3290

 32.0438, 0.3983,
0.2382

■ 28.0149, 0.4182,
0.2311

■ 25.3369, 0.4387,
0.2290

■ 23.8146, 0.4588,
0.2323

■ 23.3307, 0.4691,
0.2358

Harmonies

Analogous

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



64.5607, 0.2983, 0.2744



64.5607, 0.3359, 0.2926



64.5607, 0.3686, 0.3195

Triad

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



64.5607, 0.3359, 0.2926



64.5607, 0.3584, 0.3937



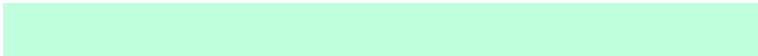
64.5607, 0.2449, 0.3012

Complementary

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



64.5607, 0.3359, 0.2926



87.8348, 0.2948, 0.3685

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.



64.5607, 0.2590, 0.3353



64.5607, 0.3359, 0.2926



64.5607, 0.3237, 0.3920

Square

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



64.5607, 0.3359, 0.2926



64.5607, 0.3815, 0.3771



64.5607, 0.2875, 0.3700



64.5607, 0.2476, 0.2776

Rectangle

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



64.5607, 0.3359, 0.2926



64.5607, 0.3822, 0.3397



64.5607, 0.2875, 0.3700



64.5607, 0.2478, 0.3118

Sweetspot

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



64.5502, 0.3358, 0.2926



88.6529, 0.3183, 0.3191



59.8491, 0.2884, 0.2620



18.7765, 0.3188, 0.3182



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.



64.5502, 0.3358, 0.2926



58.5878, 0.3422, 0.2845



62.9891, 0.3607, 0.3237



18.1612, 0.3204, 0.3155



12.2213, 0.4660, 0.2341



1.2118, 0.4449, 0.2224

Inverse Universe

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



64.5502, 0.3358, 0.2926



58.5878, 0.3422, 0.2845



89.6093, 0.2789, 0.3345



18.1612, 0.3204, 0.3155



12.2213, 0.4660, 0.2341



1.2118, 0.4449, 0.2224

Previews

White Background



This preview shows how the Yxy color 64.5607, 0.3359, 0.2926 looks on a white background.

Color Contrast Check

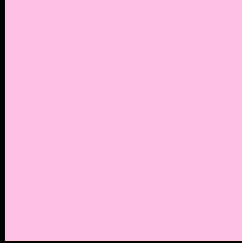
Large Text (above 18pt) WCAG AA × Fail

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 64.5607, 0.3359, 0.2926 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 64.5607, 0.3359, 0.2926

Background



This preview shows how black text looks on a background with the Yxy color 64.5607, 0.3359, 0.2926.



This preview shows how white text looks on a background with the Yxy color 64.5607, 0.3359, 0.2926.

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

64.5607, 0.3359, 0.2926

Protanopia

64.9547, 0.2907, 0.2958

Deuteranopia

64.5240, 0.3123, 0.3051



Tritanopia

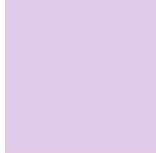
64.5660, 0.3480, 0.3136

Trichromacy



Original Color

64.5607, 0.3359, 0.2926



Protanomaly

64.5573, 0.3061, 0.2946



Deuteranomaly

64.5168, 0.3202, 0.3004



Tritanomaly

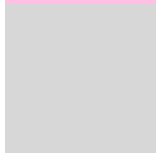
64.6642, 0.3434, 0.3055

Monochromacy



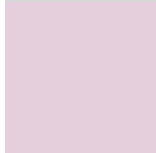
Original Color

64.5607, 0.3359, 0.2926



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

66.6159, 0.3209, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5607, 0.3359, 0.2926 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, 192, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 228)  
}
```

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, 192, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 228) }
```

Border

The CSS property to change the border of an element to Yxy 64.5607, 0.3359, 0.2926 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, 192, 228) }
```

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

```
.border{ border-color:rgb(255, 192, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 192, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 192, 228); box-shadow:4px 4px 4px 4px rgb(255, 192, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5607, 0.3359, 0.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 228) }
```

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

```
.background{ background-color: rgb(255,  
192, 228) }
```

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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