

Converting Colors

$Y_{xy}(66.1962, 0.3483, 0.3034)$

Have a look what the booklet for
Yxy(66.1962, 0.3483, 0.3034)
contains.

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Color

Yxy(64.9580, 0.3427, 0.3036)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2DB
RGB	255, 194, 219
RGB Percent	100%, 76%, 86%
CMY	0.0000, 0.2392, 0.1413
CMYK	0.00, 0.24, 0.14, 0.00
HSL	335°, 100%, 88%
HSV	335°, 24%, 100%
XYZ	73.3238, 64.9580, 75.6774
YIQ	215.0890, 28.3310, 20.7070

Conversions

Conversions Part 2

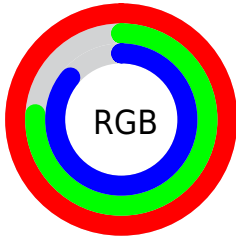
Format	Color
R _Y B	255, 194, 219
Decimal	16761563
CIE Lab	84.46, 25.54, -3.95
CIE LCh	84, 25.847, 351.211
Yxy	64.9580, 0.3427, 0.3036
Android (android.graphics.Color)	4294951643 (0xFFFFC2DB)
YUV	215.0890, 1.9281, 35.0019
Hunter-Lab	80.5965, 21.3489, 0.7463

Details

The Yxy color **64.9580, 0.3427, 0.3036** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.7028, 0.2901, 0.3560**, and the grayscale version is **67.9866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **33.4423, 0.3505, 0.2978** is the 20% darker color. If you saturate the color by 10%, you get **53.8047, 0.3599, 0.2924**, and if you desaturate by 10%, it is **78.1248, 0.3284, 0.3146**.

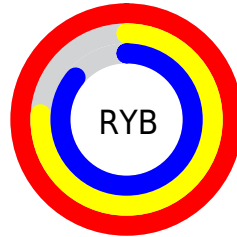
Distribution



Red (100%)

Green (76%)

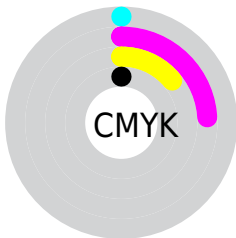
Blue (86%)



Red (100%)

Yellow (76%)

Blue (86%)

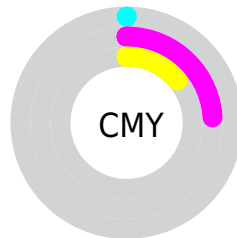


Cyan (0%)

Magenta (24%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.9580, 0.3427, 0.3036 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 64.9580, 0.3427, 0.3036 by changing the saturation by 10% instead.

 64.9580, 0.3427,
0.3036

 64.9580, 0.3427,
0.3036


442.6410, 0.3286,
0.3154

 47.4270, 0.3460,
0.3009


 111.9895, 0.3378,
0.3077

 33.3734, 0.3500,
0.2975


142.2588, 0.3359,
0.3093

 22.4126, 0.3552,
0.2933


177.5429, 0.3343,
0.3107

 14.1604, 0.3620,
0.2877

218.2264, 0.3328,
0.3119

 8.2323, 0.3715,
0.2801

264.6935, 0.3316,
0.3129

 4.2440, 0.3854,
0.2691


317.3288, 0.3305,


 1.8109, 0.4077,


0.3138


0.2517

376.5165, 0.3295,
0.3147

 0.4940, 0.4611,
0.2035


 0.0000, 1.0000,
0.0000

 64.9580, 0.3427,
0.3036


 64.9580, 0.3427,
0.3036

 53.8047, 0.3599,
0.2924


 78.1248, 0.3284,
0.3146

 44.5721, 0.3805,
0.2816

 93.4077, 0.3167,
0.3251

 37.1471, 0.4046,
0.2719

100.0000, 0.3127,
0.3290

 31.4083, 0.4320,
0.2645

■ 27.2191, 0.4618,
0.2607

■ 24.4211, 0.4926,
0.2617

■ 22.8214, 0.5220,
0.2681

■ 22.2684, 0.5387,
0.2741

Harmonies

Analogous

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



64.9580, 0.3101, 0.2847



64.9580, 0.3427, 0.3036



64.9580, 0.3678, 0.3290

Triad

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



64.9580, 0.3427, 0.3036



64.9580, 0.3444, 0.3869



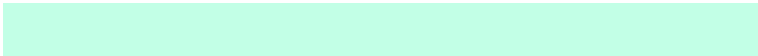
64.9580, 0.2521, 0.2974

Complementary

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



64.9580, 0.3427, 0.3036



88.7028, 0.2901, 0.3560

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.



64.9580, 0.2603, 0.3252



64.9580, 0.3427, 0.3036



64.9580, 0.3127, 0.3795

Square

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



64.9580, 0.3427, 0.3036



64.9580, 0.3684, 0.3772



64.9580, 0.2820, 0.3561



64.9580, 0.2590, 0.2801

Rectangle

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



64.9580, 0.3427, 0.3036



64.9580, 0.3762, 0.3469



64.9580, 0.2820, 0.3561



64.9580, 0.2532, 0.3057

Sweetspot

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



64.9552, 0.3427, 0.3036



88.4750, 0.3201, 0.3219



62.5556, 0.2967, 0.2657



18.7353, 0.3208, 0.3213



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.



64.9552, 0.3427, 0.3036



59.0482, 0.3510, 0.2979



66.0383, 0.3617, 0.3344



18.1104, 0.3230, 0.3193



11.6636, 0.5345, 0.2718



1.1567, 0.5047, 0.2554

Inverse Universe

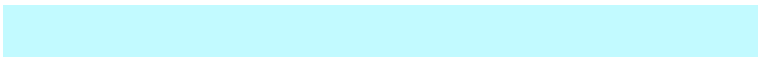
The Inverse Universe completely reimagines the original color for something new.



64.9552, 0.3427, 0.3036



59.0482, 0.3510, 0.2979



87.0080, 0.2768, 0.3235



18.1104, 0.3230, 0.3193



11.6636, 0.5345, 0.2718



1.1567, 0.5047, 0.2554

Previews

White Background



This preview shows how the Yxy color 64.9580, 0.3427, 0.3036 looks on a white background.

Color Contrast Check

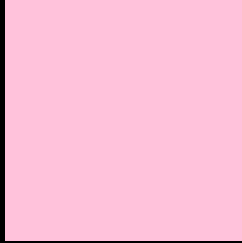
Large Text (above 18pt) WCAG AA × Fail

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 64.9580, 0.3427, 0.3036 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 64.9580, 0.3427, 0.3036

Background



This preview shows how black text looks on a background with the Yxy color 64.9580, 0.3427, 0.3036.



This preview shows how white text looks on a background with the Yxy color 64.9580, 0.3427, 0.3036.

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

64.9580, 0.3427, 0.3036

Protanopia

65.4520, 0.2999, 0.3078

Deuteranopia

65.3304, 0.3225, 0.3160



Tritanopia

64.8042, 0.3481, 0.3126

Trichromacy



Original Color

64.9580, 0.3427, 0.3036

Protanomaly

64.7907, 0.3145, 0.3062

Deuteranomaly

65.0124, 0.3291, 0.3110

Tritanomaly

64.9561, 0.3457, 0.3096

Monochromacy



Original Color

64.9580, 0.3427, 0.3036

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.4065, 0.3238, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9580, 0.3427, 0.3036 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, 194, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 219)  
}
```

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, 194, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 219) }
```

Border

The CSS property to change the border of an element to Yxy 64.9580, 0.3427, 0.3036 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, 194, 219) }
```

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

```
.border{ border-color:rgb(255, 194, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9580, 0.3427, 0.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 219) }
```

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

```
.background{ background-color: rgb(255,  
194, 219) }
```

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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