

Converting Colors

$Y_{xy}(67.7722, 0.3506, 0.3231)$

Have a look what the booklet for
Yxy(67.7722, 0.3506, 0.3231)
contains.

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Color

Yxy(67.5383, 0.3509, 0.3230)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC9CF |
| RGB | 255, 201, 207 |
| RGB Percent | 100%, 79%, 81% |
| CMY | 0.0002, 0.2116, 0.1883 |
| CMYK | 0.00, 0.21, 0.19, 0.00 |
| HSL | 353°, 100%, 89% |
| HSV | 353°, 21%, 100% |
| XYZ | 73.3721, 67.5383, 68.1865 |
| YIQ | 217.8300, 30.2580, 13.3140 |

Conversions

Conversions Part 2

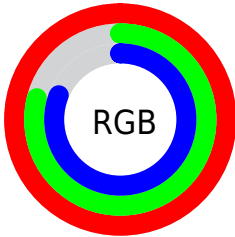
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 201, 207 |
| Decimal | 16763343 |
| CIE Lab | 85.78, 19.98, 4.36 |
| CIE LCh | 86, 20.456, 12.318 |
| Yxy | 67.5383, 0.3509, 0.3230 |
| Android (android.graphics.Color) | 4294953423 (0xFFFFC9CF) |
| YUV | 217.8300, -5.3392, 32.5981 |
| Hunter-Lab | 82.1817, 15.5475, 8.3340 |

Details

The Yxy color **67.5383, 0.3509, 0.3230** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.7468, 0.2841, 0.3351**, and the grayscale version is **70.0085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.1731, 0.3605, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **55.5920, 0.3761, 0.3200**, and if you desaturate by 10%, it is **81.6228, 0.3306, 0.3259**.

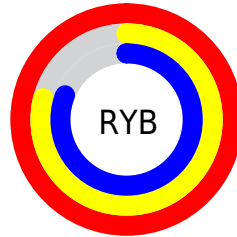
Distribution



Red (100%)

Green (79%)

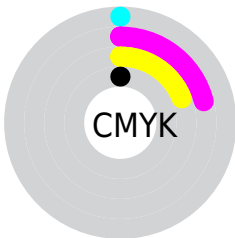
Blue (81%)



Red (100%)

Yellow (79%)

Blue (81%)

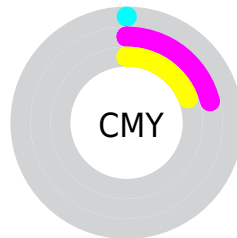


Cyan (0%)

Magenta (21%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.5383, 0.3509, 0.3230 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 67.5383, 0.3509, 0.3230 by changing the saturation by 10% instead.


 67.5383, 0.3509,
0.3230

 67.5383, 0.3509,
0.3230

451.8585, 0.3329,
0.3260

 49.5222, 0.3551,
0.3223


115.6914, 0.3446,
0.3241

 35.0339, 0.3603,
0.3213


146.5972, 0.3421,
0.3245

 23.6890, 0.3670,
0.3201


182.5684, 0.3401,
0.3248

 15.1031, 0.3759,
0.3183

223.9893, 0.3382,
0.3251

 8.8918, 0.3883,
0.3158

271.2444, 0.3367,
0.3254

 4.6706, 0.4065,
0.3119


324.7180, 0.3352,


 2.0553, 0.4362,


0.3256


0.3050


384.7946, 0.3340,
0.3258


 0.6393, 0.5213,
0.2971

 0.0000, 1.0000,
0.0000


 67.5383, 0.3509,
0.3230

 67.5383, 0.3509,
0.3230


 55.5920, 0.3761,
0.3200


 81.6228, 0.3306,
0.3259

 45.6707, 0.4070,
0.3171

 97.9331, 0.3144,
0.3287

 37.6647, 0.4441,
0.3147

 99.9898, 0.3127,
0.3290

 31.4502, 0.4866,
0.3132

■ 26.8890, 0.5319,
0.3134

■ 23.8224, 0.5751,
0.3156

■ 22.0607, 0.6097,
0.3198

■ 21.3343, 0.6296,
0.3242

Harmonies

Analogous

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



67.5383, 0.3290, 0.3038



67.5383, 0.3509, 0.3230



67.5383, 0.3623, 0.3443

Triad

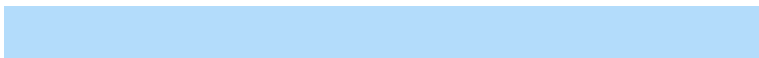
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.5383, 0.3509, 0.3230



67.5383, 0.3205, 0.3711



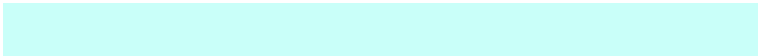
67.5383, 0.2675, 0.2938

Complementary

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



67.5383, 0.3509, 0.3230



90.7468, 0.2841, 0.3351

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.



67.5383, 0.2656, 0.3104



67.5383, 0.3509, 0.3230



67.5383, 0.2955, 0.3563

Square

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



67.5383, 0.3509, 0.3230



67.5383, 0.3442, 0.3731



67.5383, 0.2756, 0.3335



67.5383, 0.2810, 0.2870

Rectangle

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



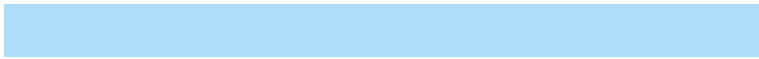
67.5383, 0.3509, 0.3230



67.5383, 0.3621, 0.3573



67.5383, 0.2756, 0.3335



67.5383, 0.2655, 0.2983

Sweetspot

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



67.5414, 0.3509, 0.3230



89.7778, 0.3218, 0.3274



69.0807, 0.3106, 0.2755



18.9886, 0.3229, 0.3272



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

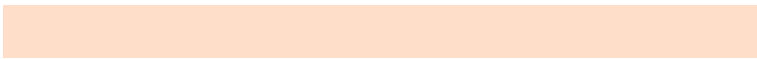
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.5414, 0.3509, 0.3230



62.7211, 0.3600, 0.3218



77.5507, 0.3513, 0.3501



18.0196, 0.3277, 0.3264



11.1633, 0.6272, 0.3229



1.0970, 0.6045, 0.3104

Inverse Universe

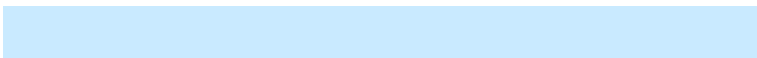
The Inverse Universe completely reimagines the original color for something new.



67.5414, 0.3509, 0.3230



62.7211, 0.3600, 0.3218



78.6427, 0.2796, 0.3069



18.0196, 0.3277, 0.3264



11.1633, 0.6272, 0.3229



1.0970, 0.6045, 0.3104

Previews

White Background



This preview shows how the Yxy color 67.5383, 0.3509, 0.3230 looks on a white background.

Color Contrast Check

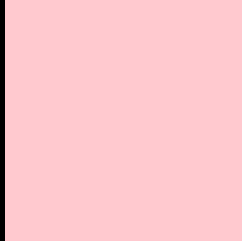
Large Text (above 18pt) WCAG AA × Fail

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 67.5383, 0.3509, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

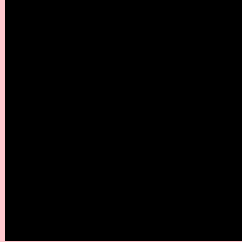
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.5383, 0.3509, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 67.5383, 0.3509, 0.3230.



This preview shows how white text looks on a background with the Yxy color 67.5383, 0.3509, 0.3230.

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

67.5383, 0.3509, 0.3230

Protanopia

68.0082, 0.3164, 0.3290

Deuteranopia

67.9187, 0.3379, 0.3312



Tritanopia

67.4748, 0.3449, 0.3138

Trichromacy



Original Color

67.5383, 0.3509, 0.3230

Protanomaly

67.4599, 0.3287, 0.3269

Deuteranomaly

67.5314, 0.3431, 0.3280

Tritanomaly

67.3220, 0.3472, 0.3168

Monochromacy



Original Color

67.5383, 0.3509, 0.3230

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

68.9309, 0.3255, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5383, 0.3509, 0.3230 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, 201, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 207)  
}
```

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, 201, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 207) }
```

Border

The CSS property to change the border of an element to Yxy 67.5383, 0.3509, 0.3230 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, 201, 207) }
```

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

```
.border{ border-color:rgb(255, 201, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5383, 0.3509, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 207) }
```

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

```
.background{ background-color: rgb(255,  
201, 207) }
```

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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