

Converting Colors

Yxy(67.9547, 0.3504, 0.3233)

Have a look what the booklet for
Yxy(67.9547, 0.3504, 0.3233)
contains.

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Color

Yxy(68.0061, 0.3507, 0.3240)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFCACF |
| RGB | 255, 202, 207 |
| RGB Percent | 100%, 79%, 81% |
| CMY | 0.0002, 0.2077, 0.1882 |
| CMYK | 0.00, 0.21, 0.19, 0.00 |
| HSL | 354°, 100%, 90% |
| HSV | 354°, 21%, 100% |
| XYZ | 73.6103, 68.0061, 68.2790 |
| YIQ | 218.4170, 29.9830, 12.7910 |

Conversions

Conversions Part 2

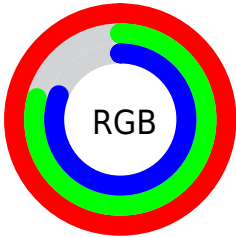
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 202, 207 |
| Decimal | 16763599 |
| CIE Lab | 86.01, 19.47, 4.69 |
| CIE LCh | 86, 20.027, 13.546 |
| Yxy | 68.0061, 0.3507, 0.3240 |
| Android (android.graphics.Color) | 4294953679 (0xFFFFCACF) |
| YUV | 218.4170, -5.6286, 32.0833 |
| Hunter-Lab | 82.4658, 15.0168, 8.6359 |

Details

The Yxy color **68.0061, 0.3507, 0.3240** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.9512, 0.2842, 0.3341**, and the grayscale version is **70.4379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.4855, 0.3602, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **55.9668, 0.3762, 0.3215**, and if you desaturate by 10%, it is **82.1934, 0.3302, 0.3265**.

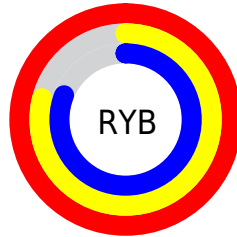
Distribution



Red (100%)

Green (79%)

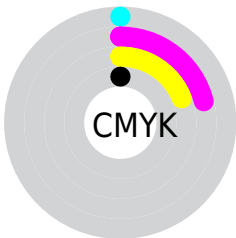
Blue (81%)



Red (100%)

Yellow (79%)

Blue (81%)

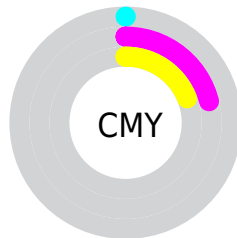


Cyan (0%)

Magenta (21%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.0061, 0.3507, 0.3240 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 68.0061, 0.3507, 0.3240 by changing the saturation by 10% instead.


 68.0061, 0.3507,
0.3240

 68.0061, 0.3507,
0.3240


453.5176, 0.3328,
0.3265

 49.9027, 0.3549,
0.3234

116.3609, 0.3444,
0.3249

 35.3361, 0.3601,
0.3225


147.3810, 0.3420,
0.3253

 23.9219, 0.3667,
0.3215

183.4756, 0.3399,
0.3256

 15.2757, 0.3755,
0.3200

225.0289, 0.3381,
0.3258

 9.0131, 0.3878,
0.3178

272.4253, 0.3365,
0.3260

 4.7497, 0.4058,
0.3143

326.0493, 0.3351,

 2.1012, 0.4350,

0.3262

0.3080

386.2853, 0.3339,
0.3264

0.6653, 0.5170,
0.3026

0.0000, 1.0000,
0.0000

68.0061, 0.3507,
0.3240

68.0061, 0.3507,
0.3240

55.9668, 0.3762,
0.3215

82.1934, 0.3302,
0.3265

45.9619, 0.4075,
0.3190

98.6163, 0.3138,
0.3288

37.8819, 0.4451,
0.3170

99.9912, 0.3127,
0.3290

31.6028, 0.4881,
0.3158

■ 26.9865, 0.5340,
0.3159

■ 23.8747, 0.5775,
0.3179

■ 22.0783, 0.6120,
0.3216

■ 21.3171, 0.6319,
0.3254

Harmonies

Analogous

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



68.0061, 0.3296, 0.3050



68.0061, 0.3507, 0.3240



68.0061, 0.3613, 0.3448

Triad

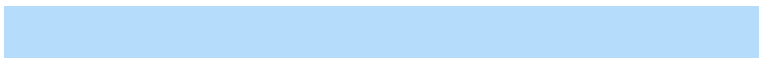
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.0061, 0.3507, 0.3240



68.0061, 0.3194, 0.3697



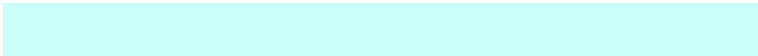
68.0061, 0.2689, 0.2941

Complementary

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



68.0061, 0.3507, 0.3240



90.9512, 0.2842, 0.3341

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.



68.0061, 0.2665, 0.3101



68.0061, 0.3507, 0.3240



68.0061, 0.2950, 0.3548

Square

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



68.0061, 0.3507, 0.3240



68.0061, 0.3426, 0.3723



68.0061, 0.2758, 0.3324



68.0061, 0.2825, 0.2879

Rectangle

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



68.0061, 0.3507, 0.3240



68.0061, 0.3608, 0.3574



68.0061, 0.2758, 0.3324



68.0061, 0.2667, 0.2984

Sweetspot

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



68.0092, 0.3507, 0.3240



89.7629, 0.3220, 0.3276



69.7313, 0.3113, 0.2766



18.9851, 0.3230, 0.3275



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.



68.0092, 0.3507, 0.3240



62.6732, 0.3608, 0.3229



78.3971, 0.3503, 0.3506



18.0148, 0.3280, 0.3268



11.1524, 0.6297, 0.3243



1.0948, 0.6094, 0.3131

Inverse Universe

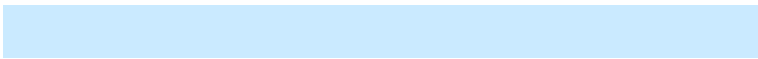
The Inverse Universe completely reimagines the original color for something new.



68.0092, 0.3507, 0.3240



62.6732, 0.3608, 0.3229



78.4988, 0.2801, 0.3064



18.0148, 0.3280, 0.3268



11.1524, 0.6297, 0.3243



1.0948, 0.6094, 0.3131

Previews

White Background



This preview shows how the Yxy color 68.0061, 0.3507, 0.3240 looks on a white background.

Color Contrast Check

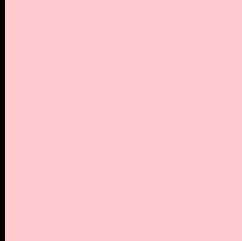
Large Text (above 18pt) WCAG AA × Fail

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 68.0061, 0.3507, 0.3240 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 68.0061, 0.3507, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 68.0061, 0.3507, 0.3240.



This preview shows how white text looks on a background with the Yxy color 68.0061, 0.3507, 0.3240.

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

68.0061, 0.3507, 0.3240

Protanopia

68.0082, 0.3164, 0.3290

Deuteranopia

68.0932, 0.3387, 0.3312



Tritanopia

67.9912, 0.3439, 0.3138

Trichromacy



Original Color

68.0061, 0.3507, 0.3240

Protanomaly

67.9521, 0.3286, 0.3280

Deuteranomaly

68.0113, 0.3429, 0.3291

Tritanomaly

67.8374, 0.3463, 0.3168

Monochromacy



Original Color

68.0061, 0.3507, 0.3240

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 68.0061, 0.3507, 0.3240 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, 202, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 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, 202, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 207) }
```

Border

The CSS property to change the border of an element to Yxy 68.0061, 0.3507, 0.3240 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, 202, 207) }
```

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

```
.border{ border-color:rgb(255, 202, 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, 202, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0061, 0.3507, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 207) }
```

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

```
.background{ background-color: rgb(255,  
202, 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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