

Converting Colors

Yxy(66.6401, 0.3462, 0.3134)

Have a look what the booklet for
Yxy(66.6401, 0.3462, 0.3134)
contains.

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Color

Yxy(66.5032, 0.3460, 0.3127)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6D6
RGB	255, 198, 214
RGB Percent	100%, 78%, 84%
CMY	0.0000, 0.2236, 0.1607
CMYK	0.00, 0.22, 0.16, 0.00
HSL	343°, 100%, 89%
HSV	343°, 22%, 100%
XYZ	73.5852, 66.5032, 72.5857
YIQ	216.8670, 28.8360, 17.0600

Conversions

Conversions Part 2

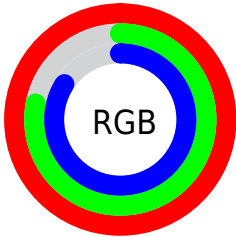
Format	Color
R _Y B	255, 198, 214
Decimal	16762582
CIE Lab	85.25, 22.68, -0.14
CIE LCh	85, 22.682, 359.645
Yxy	66.5032, 0.3460, 0.3127
Android (android.graphics.Color)	4294952662 (0xFFFFC6D6)
YUV	216.8670, -1.4134, 33.4426
Hunter-Lab	81.5495, 18.3558, 4.3117

Details

The Yxy color $66.5032, 0.3460, 0.3127$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $89.7541, 0.2877, 0.3460$, and the grayscale version is $69.2816, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.4555, 0.3549, 0.3095$ is the 20% darker color. If you saturate the color by 10%, you get $54.9216, 0.3666, 0.3050$, and if you desaturate by 10%, it is $80.1414, 0.3292, 0.3203$.

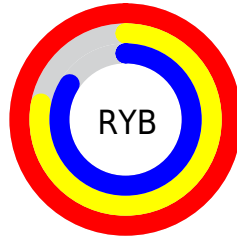
Distribution



Red (100%)

Green (78%)

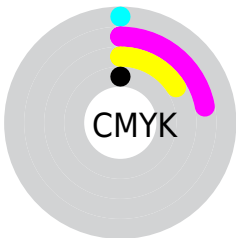
Blue (84%)



Red (100%)

Yellow (78%)

Blue (84%)

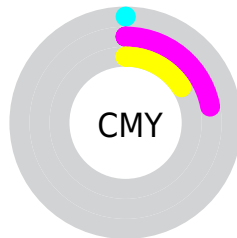


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.5032, 0.3460, 0.3127 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 66.5032, 0.3460, 0.3127 by changing the saturation by 10% instead.

 66.5032, 0.3460,
0.3127

 66.5032, 0.3460,
0.3127


448.1743, 0.3303,
0.3204

 48.6810, 0.3496,
0.3109

114.2083, 0.3405,
0.3154

 34.3665, 0.3542,
0.3087


144.8599, 0.3384,
0.3164

 23.1753, 0.3600,
0.3059


180.5568, 0.3366,
0.3173

 14.7230, 0.3677,
0.3021

221.6834, 0.3350,
0.3181

 8.6252, 0.3783,
0.2969

268.6241, 0.3336,
0.3188

 4.4975, 0.3940,
0.2892


321.7632, 0.3324,


 1.9556, 0.4195,


0.3194


0.2768


381.4851, 0.3313,
0.3199


 0.5815, 0.4811,
0.2464


 0.0000, 1.0000,
0.0000

 66.5032, 0.3460,
0.3127


 66.5032, 0.3460,
0.3127

 54.9216, 0.3666,
0.3050


 80.1414, 0.3292,
0.3203

 45.3116, 0.3915,
0.2974

 95.9474, 0.3155,
0.3274

 37.5572, 0.4212,
0.2908

100.0000, 0.3127,
0.3290

 31.5371, 0.4553,
0.2860

■ 27.1155, 0.4926,
0.2842

■ 24.1358, 0.5305,
0.2866

■ 22.4094, 0.5651,
0.2935

■ 21.7239, 0.5876,
0.3011

Harmonies

Analogous

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



66.5032, 0.3187, 0.2940



66.5032, 0.3460, 0.3127



66.5032, 0.3645, 0.3359

Triad

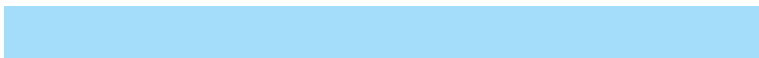
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.5032, 0.3460, 0.3127



66.5032, 0.3331, 0.3789



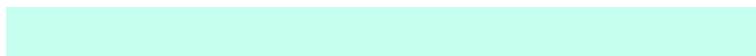
66.5032, 0.2600, 0.2963

Complementary

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



66.5032, 0.3460, 0.3127



89.7541, 0.2877, 0.3460

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.



66.5032, 0.2635, 0.3185



66.5032, 0.3460, 0.3127



66.5032, 0.3049, 0.3681

Square

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



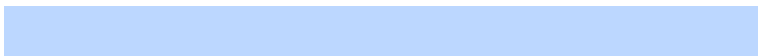
66.5032, 0.3460, 0.3127



66.5032, 0.3565, 0.3747



66.5032, 0.2796, 0.3453



66.5032, 0.2697, 0.2841

Rectangle

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



66.5032, 0.3460, 0.3127



66.5032, 0.3688, 0.3514



66.5032, 0.2796, 0.3453



66.5032, 0.2597, 0.3028

Sweetspot

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



66.4976, 0.3460, 0.3127



88.3362, 0.3215, 0.3241



65.9257, 0.3035, 0.2711



18.7033, 0.3223, 0.3237



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

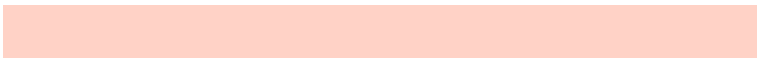
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.4976, 0.3460, 0.3127



60.8733, 0.3550, 0.3091



71.5974, 0.3560, 0.3418



18.0710, 0.3250, 0.3223



11.3730, 0.5834, 0.2988



1.1250, 0.5515, 0.2812

Inverse Universe

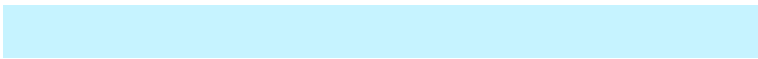
The Inverse Universe completely reimagines the original color for something new.



66.4976, 0.3460, 0.3127



60.8733, 0.3550, 0.3091



83.1140, 0.2784, 0.3158



18.0710, 0.3250, 0.3223



11.3730, 0.5834, 0.2988



1.1250, 0.5515, 0.2812

Previews

White Background



This preview shows how the Yxy color 66.5032, 0.3460, 0.3127 looks on a white background.

Color Contrast Check

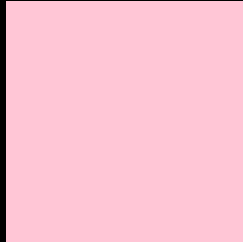
Large Text (above 18pt) WCAG AA × Fail

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 66.5032, 0.3460, 0.3127 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 66.5032, 0.3460, 0.3127

Background



This preview shows how black text looks on a background with the Yxy color 66.5032, 0.3460, 0.3127.



This preview shows how white text looks on a background with the Yxy color 66.5032, 0.3460, 0.3127.

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

66.5032, 0.3460, 0.3127

Protanopia

66.6570, 0.3074, 0.3179

Deuteranopia

66.3885, 0.3299, 0.3226



Tritanopia

66.4523, 0.3468, 0.3137

Trichromacy



Original Color

66.5032, 0.3460, 0.3127

Protanomaly

66.3981, 0.3209, 0.3160

Deuteranomaly

66.3932, 0.3357, 0.3185

Tritanomaly

66.4523, 0.3468, 0.3137

Monochromacy



Original Color

66.5032, 0.3460, 0.3127

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.0400, 0.3243, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5032, 0.3460, 0.3127 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, 198, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 214)  
}
```

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, 198, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 214) }
```

Border

The CSS property to change the border of an element to Yxy 66.5032, 0.3460, 0.3127 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, 198, 214) }
```

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

```
.border{ border-color:rgb(255, 198, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5032, 0.3460, 0.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 214) }
```

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

```
.background{ background-color: rgb(255,  
198, 214) }
```

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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