

Converting Colors

Yxy(66.6837, 0.3553, 0.3143)

Have a look what the booklet for
Yxy(66.6837, 0.3553, 0.3143)
contains.

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Color

Yxy(65.3930, 0.3495, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4D2
RGB	255, 196, 210
RGB Percent	100%, 77%, 82%
CMY	0.0000, 0.2314, 0.1764
CMYK	0.00, 0.23, 0.18, 0.00
HSL	346°, 100%, 88%
HSV	346°, 23%, 100%
XYZ	72.6243, 65.3930, 69.7775
YIQ	215.2370, 30.6700, 16.8620

Conversions

Conversions Part 2

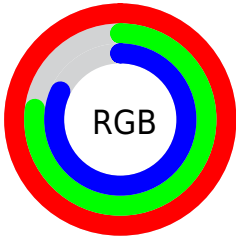
Format	Color
R_{YB}	255, 196, 210
Decimal	16762066
CIE _{Lab}	84.69, 23.12, 1.17
CIE _{LCh}	85, 23.146, 2.886
Yxy	65.3930, 0.3495, 0.3147
Android (android.graphics.Color)	4294952146 (0xFFFFC4D2)
YUV	215.2370, -2.5818, 34.8722
Hunter-Lab	80.8659, 18.7923, 5.4461

Details

The Yxy color **65.3930, 0.3495, 0.3147** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.6035, 0.2855, 0.3439**, and the grayscale version is **68.1221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **33.7521, 0.3587, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **53.9363, 0.3717, 0.3082**, and if you desaturate by 10%, it is **78.9142, 0.3314, 0.3211**.

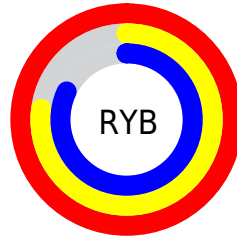
Distribution



Red (100%)

Green (77%)

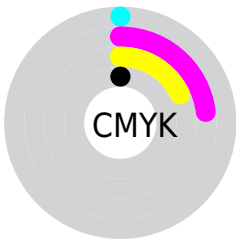
Blue (82%)



Red (100%)

Yellow (77%)

Blue (82%)

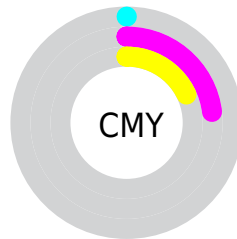


Cyan (0%)

Magenta (23%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3930, 0.3495, 0.3147 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 65.3930, 0.3495, 0.3147 by changing the saturation by 10% instead.


 65.3930, 0.3495,
0.3147

 65.3930, 0.3495,
0.3147


444.2029, 0.3321,
0.3215

 47.7798, 0.3536,
0.3131


 112.6147, 0.3434,
0.3171

 33.6526, 0.3586,
0.3111


142.9920, 0.3410,
0.3180

 22.6268, 0.3651,
0.3085


178.3928, 0.3390,
0.3188

 14.3182, 0.3738,
0.3050


219.2014, 0.3373,
0.3195

 8.3423, 0.3858,
0.3002

265.8024, 0.3357,
0.3201

 4.3148, 0.4037,
0.2930

318.5800, 0.3344,


 1.8511, 0.4329,


0.3206


0.2809

377.9187, 0.3332,
0.3211

 0.5188, 0.5178,
0.2496


 0.0000, 1.0000,
0.0000


 65.3930, 0.3495,
0.3147

 65.3930, 0.3495,
0.3147

 53.9363, 0.3717,
0.3082


 78.9142, 0.3314,
0.3211

 44.4531, 0.3988,
0.3019

 94.6078, 0.3167,
0.3272

 36.8277, 0.4310,
0.2964

100.0000, 0.3127,
0.3290

 30.9367, 0.4678,
0.2928

■ 26.6420, 0.5076,
0.2921

■ 23.7842, 0.5471,
0.2951

■ 22.1700, 0.5819,
0.3022

■ 21.5928, 0.6012,
0.3086

Harmonies

Analogous

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



65.3930, 0.3220, 0.2948



65.3930, 0.3495, 0.3147



65.3930, 0.3671, 0.3386

Triad

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



65.3930, 0.3495, 0.3147



65.3930, 0.3305, 0.3798



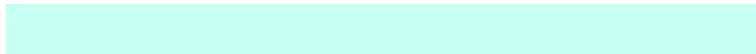
65.3930, 0.2591, 0.2935

Complementary

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



65.3930, 0.3495, 0.3147



89.6035, 0.2855, 0.3439

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.



65.3930, 0.2612, 0.3153



65.3930, 0.3495, 0.3147



65.3930, 0.3016, 0.3672

Square

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



65.3930, 0.3495, 0.3147



65.3930, 0.3555, 0.3771



65.3930, 0.2765, 0.3428



65.3930, 0.2705, 0.2823

Rectangle

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



65.3930, 0.3495, 0.3147



65.3930, 0.3703, 0.3543



65.3930, 0.2765, 0.3428



65.3930, 0.2583, 0.2998

Sweetspot

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



65.3890, 0.3495, 0.3147



88.2897, 0.3220, 0.3249



65.2635, 0.3045, 0.2693



18.6925, 0.3229, 0.3245



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

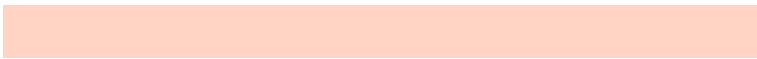
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.3890, 0.3495, 0.3147



59.5720, 0.3597, 0.3115



71.7054, 0.3574, 0.3443



18.0578, 0.3257, 0.3234



11.3019, 0.5973, 0.3064



1.1166, 0.5662, 0.2893

Inverse Universe

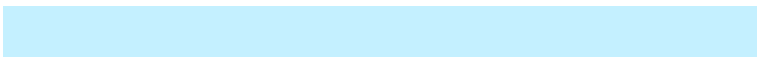
The Inverse Universe completely reimagines the original color for something new.



65.3890, 0.3495, 0.3147



59.5720, 0.3597, 0.3115



81.4202, 0.2771, 0.3132



18.0578, 0.3257, 0.3234



11.3019, 0.5973, 0.3064



1.1166, 0.5662, 0.2893

Previews

White Background



This preview shows how the Yxy color 65.3930, 0.3495, 0.3147 looks on a white background.

Color Contrast Check

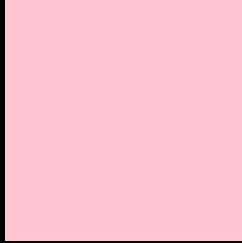
Large Text (above 18pt) WCAG AA × Fail

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 65.3930, 0.3495, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

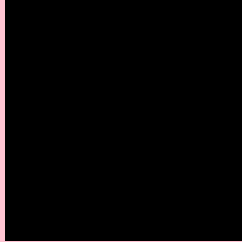
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.3930, 0.3495, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 65.3930, 0.3495, 0.3147.

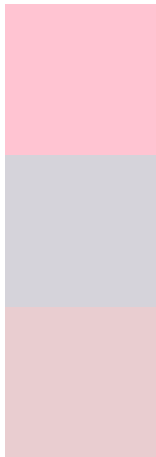


This preview shows how white text looks on a background with the Yxy color 65.3930, 0.3495, 0.3147.

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

65.3930, 0.3495, 0.3147

Protanopia

65.7966, 0.3094, 0.3212

Deuteranopia

65.5403, 0.3322, 0.3258



Tritanopia

65.4430, 0.3487, 0.3137

Trichromacy



Original Color

65.3930, 0.3495, 0.3147

Protanomaly

65.5429, 0.3231, 0.3192

Deuteranomaly

65.5453, 0.3381, 0.3216

Tritanomaly

65.4430, 0.3487, 0.3137

Monochromacy



Original Color

65.3930, 0.3495, 0.3147

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.7388, 0.3258, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3930, 0.3495, 0.3147 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, 196, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 210)  
}
```

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, 196, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 210) }
```

Border

The CSS property to change the border of an element to Yxy 65.3930, 0.3495, 0.3147 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, 196, 210) }
```

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

```
.border{ border-color:rgb(255, 196, 210) }
```

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

Here you see how a box with a 4 pixel rgb(255, 196, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3930, 0.3495, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 210) }
```

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

```
.background{ background-color: rgb(255,  
196, 210) }
```

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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