

Converting Colors

Yxy(66.3540, 0.3481, 0.3154)

Have a look what the booklet for
Yxy(66.3540, 0.3481, 0.3154)
contains.

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Color

Yxy(66.3513, 0.3483, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6D3
RGB	255, 198, 211
RGB Percent	100%, 78%, 83%
CMY	0.0002, 0.2234, 0.1726
CMYK	0.00, 0.22, 0.17, 0.00
HSL	346°, 100%, 89%
HSV	346°, 22%, 100%
XYZ	73.1797, 66.3513, 70.5744
YIQ	216.5250, 29.7990, 16.1270

Conversions

Conversions Part 2

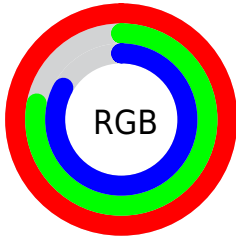
Format	Color
R _Y B	255, 198, 211
Decimal	16762579
CIE Lab	85.18, 22.17, 1.36
CIE LCh	85, 22.210, 3.498
Yxy	66.3513, 0.3483, 0.3158
Android (android.graphics.Color)	4294952659 (0xFFFFC6D3)
YUV	216.5250, -2.7238, 33.7426
Hunter-Lab	81.4563, 17.8145, 5.6501

Details

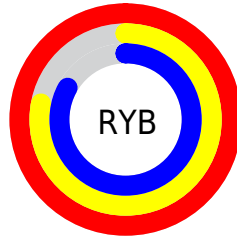
The Yxy color **66.3513, 0.3483, 0.3158** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.9123, 0.2861, 0.3427**, and the grayscale version is **69.0499, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.3866, 0.3571, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **54.7339, 0.3705, 0.3095**, and if you desaturate by 10%, it is **80.0574, 0.3303, 0.3219**.

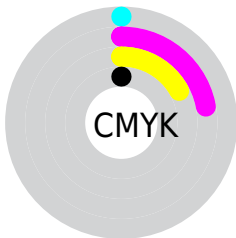
Distribution



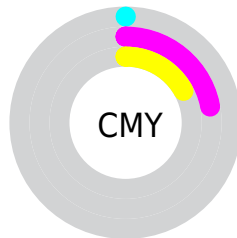
- Red (100%)
- Green (78%)
- Blue (83%)



- Red (100%)
- Yellow (78%)
- Blue (83%)



- Cyan (0%)
- Magenta (22%)
- Yellow (17%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3513, 0.3483, 0.3158 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 66.3513, 0.3483, 0.3158 by changing the saturation by 10% instead.

 66.3513, 0.3483,
0.3158

 66.3513, 0.3483,
0.3158


447.6322, 0.3315,
0.3221

 48.5576, 0.3522,
0.3143

113.9904, 0.3424,
0.3180

 34.2687, 0.3571,
0.3125

144.6046, 0.3401,
0.3189

 23.1001, 0.3633,
0.3101


180.2611, 0.3382,
0.3196

 14.6674, 0.3716,
0.3069


221.3444, 0.3365,
0.3202

 8.5863, 0.3832,
0.3025

268.2387, 0.3350,
0.3208

 4.4724, 0.4002,
0.2958

321.3285, 0.3337,

 1.9411, 0.4280,

0.3213

0.2848

380.9982, 0.3326,
0.3217

0.5729, 0.5018,
0.2590

0.0000, 1.0000,
0.0000

66.3513, 0.3483,
0.3158

66.3513, 0.3483,
0.3158

54.7339, 0.3705,
0.3095

80.0574, 0.3303,
0.3219

45.0937, 0.3975,
0.3035

95.9387, 0.3157,
0.3277

37.3225, 0.4298,
0.2982

99.9920, 0.3127,
0.3290

31.2980, 0.4668,
0.2946

■ 26.8833, 0.5070,
0.2937

■ 23.9207, 0.5471,
0.2965

■ 22.2203, 0.5824,
0.3033

■ 21.5584, 0.6041,
0.3101

Harmonies

Analogous

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



66.3513, 0.3222, 0.2966



66.3513, 0.3483, 0.3158



66.3513, 0.3648, 0.3388

Triad

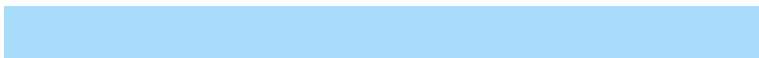
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.3513, 0.3483, 0.3158



66.3513, 0.3293, 0.3773



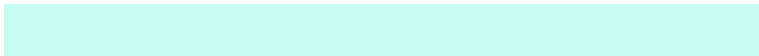
66.3513, 0.2615, 0.2948

Complementary

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



66.3513, 0.3483, 0.3158



89.9123, 0.2861, 0.3427

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.



66.3513, 0.2633, 0.3155



66.3513, 0.3483, 0.3158



66.3513, 0.3016, 0.3650

Square

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



66.3513, 0.3483, 0.3158



66.3513, 0.3532, 0.3751



66.3513, 0.2777, 0.3416



66.3513, 0.2727, 0.2842

Rectangle

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



66.3513, 0.3483, 0.3158



66.3513, 0.3677, 0.3537



66.3513, 0.2777, 0.3416



66.3513, 0.2606, 0.3007

Sweetspot

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



66.3543, 0.3483, 0.3158



88.2791, 0.3221, 0.3251



66.4362, 0.3055, 0.2716



18.6901, 0.3230, 0.3247



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.



66.3543, 0.3483, 0.3158



60.6976, 0.3581, 0.3129



73.0230, 0.3553, 0.3447



18.0549, 0.3258, 0.3236



11.2875, 0.6003, 0.3080



1.1148, 0.5694, 0.2910

Inverse Universe

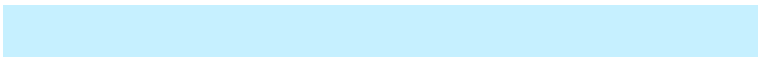
The Inverse Universe completely reimagines the original color for something new.



66.3543, 0.3483, 0.3158



60.6976, 0.3581, 0.3129



81.4146, 0.2782, 0.3128



18.0549, 0.3258, 0.3236



11.2875, 0.6003, 0.3080



1.1148, 0.5694, 0.2910

Previews

White Background



This preview shows how the Yxy color 66.3513, 0.3483, 0.3158 looks on a white background.

Color Contrast Check

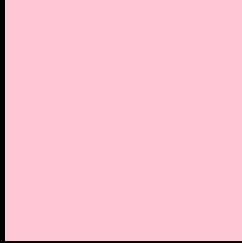
Large Text (above 18pt) WCAG AA × Fail

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 66.3513, 0.3483, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

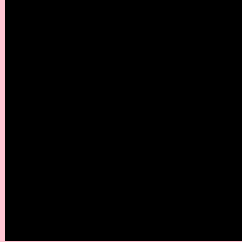
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.3513, 0.3483, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 66.3513, 0.3483, 0.3158.



This preview shows how white text looks on a background with the Yxy color 66.3513, 0.3483, 0.3158.

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

66.3513, 0.3483, 0.3158

Protanopia

66.6485, 0.3102, 0.3212

Deuteranopia

66.4082, 0.3329, 0.3258



Tritanopia

66.4523, 0.3468, 0.3137

Trichromacy



Original Color

66.3513, 0.3483, 0.3158

Protanomaly

66.4065, 0.3238, 0.3193

Deuteranomaly

66.2423, 0.3380, 0.3217

Tritanomaly

66.4016, 0.3475, 0.3148

Monochromacy



Original Color

66.3513, 0.3483, 0.3158

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

67.9884, 0.3250, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3513, 0.3483, 0.3158 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 211) }
```

Border

The CSS property to change the border of an element to Yxy 66.3513, 0.3483, 0.3158 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, 211) }
```

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

```
.border{ border-color:rgb(255, 198, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3513, 0.3483, 0.3158 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, 211) }
```

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

```
.background{ background-color: rgb(255,  
198, 211) }
```

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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