

Converting Colors

$Yxy(69.8727, 0.3682, 0.3172)$

Have a look what the booklet for
Yxy(69.8727, 0.3682, 0.3172)
contains.

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Color

Yxy(65.3433, 0.3503, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4D1
RGB	255, 196, 209
RGB Percent	100%, 77%, 82%
CMY	0.0000, 0.2313, 0.1805
CMYK	0.00, 0.23, 0.18, 0.00
HSL	347°, 100%, 88%
HSV	347°, 23%, 100%
XYZ	72.4818, 65.3433, 69.0884
YIQ	215.1230, 30.9910, 16.5510

Conversions

Conversions Part 2

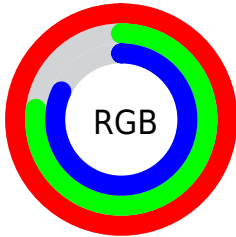
Format	Color
R_{YB}	255, 196, 209
Decimal	16762065
CIE _{Lab}	84.66, 22.93, 1.69
CIE _{LCh}	85, 22.989, 4.218
Yxy	65.3433, 0.3503, 0.3158
Android (android.graphics.Color)	4294952145 (0xFFFFC4D1)
YUV	215.1230, -3.0186, 34.9721
Hunter-Lab	80.8352, 18.5925, 5.9105

Details

The Yxy color **65.3433, 0.3503, 0.3158** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.6650, 0.2850, 0.3427**, and the grayscale version is **68.0481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **33.5829, 0.3587, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **53.8782, 0.3731, 0.3098**, and if you desaturate by 10%, it is **78.8923, 0.3318, 0.3217**.

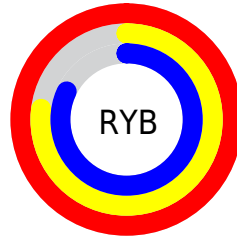
Distribution



Red (100%)

Green (77%)

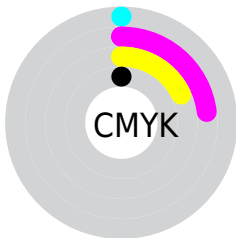
Blue (82%)



Red (100%)

Yellow (77%)

Blue (82%)

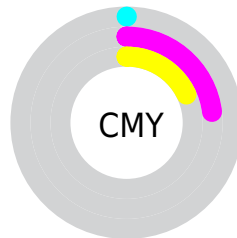


Cyan (0%)

Magenta (23%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (23%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.3433, 0.3503, 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 65.3433, 0.3503, 0.3158 by changing the saturation by 10% instead.

 65.3433, 0.3503,
0.3158

 65.3433, 0.3503,
0.3158

444.0246, 0.3325,
0.3221

 47.7395, 0.3545,
0.3143


 112.5433, 0.3440,
0.3180

 33.6206, 0.3597,
0.3124


142.9082, 0.3416,
0.3189

 22.6023, 0.3663,
0.3100


178.2957, 0.3396,
0.3196

 14.3001, 0.3752,
0.3068

219.0901, 0.3378,
0.3203

 8.3297, 0.3875,
0.3022

265.6758, 0.3362,
0.3208

 4.3066, 0.4059,
0.2953

318.4372, 0.3348,

 1.8465, 0.4359,

0.3213

0.2838

377.7587, 0.3336,
0.3217

0.5159, 0.5267,
0.2545

0.0000, 0.0000,
0.0000

65.3433, 0.3503,
0.3158

65.3433, 0.3503,
0.3158

53.8782, 0.3731,
0.3098

78.8923, 0.3318,
0.3217

44.3847, 0.4009,
0.3040

94.6124, 0.3168,
0.3273

36.7536, 0.4339,
0.2990

99.9982, 0.3127,
0.3290

30.8614, 0.4718,
0.2958

■ 26.5695, 0.5125,
0.2953

■ 23.7181, 0.5527,
0.2984

■ 22.1133, 0.5874,
0.3054

■ 21.5435, 0.6064,
0.3114

Harmonies

Analogous

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



65.3433, 0.3233, 0.2958



65.3433, 0.3503, 0.3158



65.3433, 0.3672, 0.3397

Triad

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



65.3433, 0.3503, 0.3158



65.3433, 0.3292, 0.3792



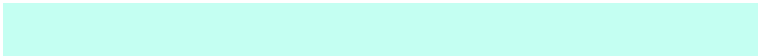
65.3433, 0.2597, 0.2930

Complementary

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



65.3433, 0.3503, 0.3158



89.6650, 0.2850, 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.



65.3433, 0.2612, 0.3143



65.3433, 0.3503, 0.3158



65.3433, 0.3004, 0.3660

Square

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



65.3433, 0.3503, 0.3158



65.3433, 0.3543, 0.3772



65.3433, 0.2758, 0.3415



65.3433, 0.2715, 0.2824

Rectangle

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



65.3433, 0.3503, 0.3158



65.3433, 0.3699, 0.3551



65.3433, 0.2758, 0.3415



65.3433, 0.2586, 0.2991

Sweetspot

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



65.3463, 0.3503, 0.3158



88.2703, 0.3222, 0.3252



65.4471, 0.3052, 0.2694



18.6880, 0.3231, 0.3249



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

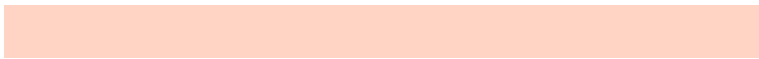
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.3463, 0.3503, 0.3158



59.5113, 0.3608, 0.3129



72.2023, 0.3571, 0.3453



18.0524, 0.3260, 0.3238



11.2759, 0.6026, 0.3093



1.1133, 0.5721, 0.2925

Inverse Universe

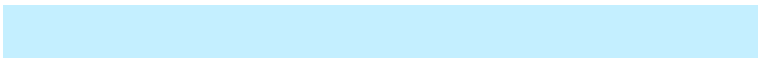
The Inverse Universe completely reimagines the original color for something new.



65.3463, 0.3503, 0.3158



59.5113, 0.3608, 0.3129



80.8446, 0.2770, 0.3121



18.0524, 0.3260, 0.3238



11.2759, 0.6026, 0.3093



1.1133, 0.5721, 0.2925

Previews

White Background



This preview shows how the Yxy color 65.3433, 0.3503, 0.3158 looks on a white background.

Color Contrast Check

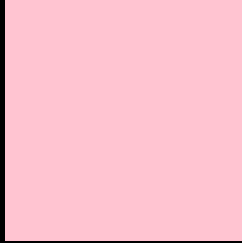
Large Text (above 18pt) WCAG AA × Fail

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 65.3433, 0.3503, 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 65.3433, 0.3503, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 65.3433, 0.3503, 0.3158.



This preview shows how white text looks on a background with the Yxy color 65.3433, 0.3503, 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

65.3433, 0.3503, 0.3158

Protanopia

65.8944, 0.3108, 0.3223

Deuteranopia

65.6601, 0.3337, 0.3269



Tritanopia

65.4430, 0.3487, 0.3137

Trichromacy



Original Color

65.3433, 0.3503, 0.3158

Protanomaly

65.6557, 0.3246, 0.3203

Deuteranomaly

65.6724, 0.3397, 0.3227

Tritanomaly

65.3930, 0.3495, 0.3147

Monochromacy



Original Color

65.3433, 0.3503, 0.3158

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 65.3433, 0.3503, 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, 196, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 209) }
```

Border

The CSS property to change the border of an element to Yxy 65.3433, 0.3503, 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, 196, 209) }
```

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

```
.border{ border-color:rgb(255, 196, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3433, 0.3503, 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, 196, 209) }
```

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

```
.background{ background-color: rgb(255,  
196, 209) }
```

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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