

Converting Colors

$Y_{xy}(75.5297, 0.3723, 0.3179)$

Have a look what the booklet for
Yxy(75.5297, 0.3723, 0.3179)
contains.

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Color

Yxy(68.3561, 0.3453, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	FFCAD6
RGB	255, 202, 214
RGB Percent	100%, 79%, 84%
CMY	0.0000, 0.2079, 0.1606
CMYK	0.00, 0.21, 0.16, 0.00
HSL	346°, 100%, 90%
HSV	346°, 21%, 100%
XYZ	74.5056, 68.3561, 72.9089
YIQ	219.2150, 27.7360, 14.9680

Conversions

Conversions Part 2

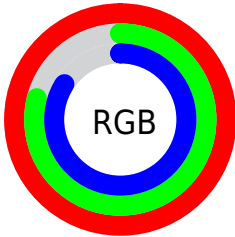
Format	Color
R_{YB}	255, 202, 214
Decimal	16763606
CIE Lab	86.18, 20.57, 1.21
CIE LCh	86, 20.607, 3.358
Yxy	68.3561, 0.3453, 0.3168
Android (android.graphics.Color)	4294953686 (0xFFFFCAD6)
YUV	219.2150, -2.5710, 31.3834
Hunter-Lab	82.6777, 16.1703, 5.5899

Details

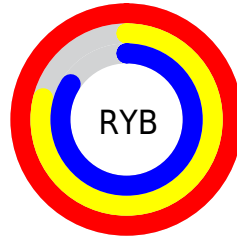
The Yxy color **68.3561, 0.3453, 0.3168** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.5448, 0.2878, 0.3416**, and the grayscale version is **70.9996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.6888, 0.3539, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **56.4156, 0.3668, 0.3106**, and if you desaturate by 10%, it is **82.3960, 0.3278, 0.3229**.

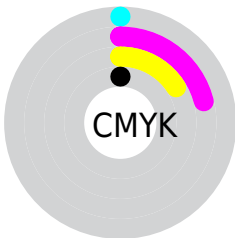
Distribution



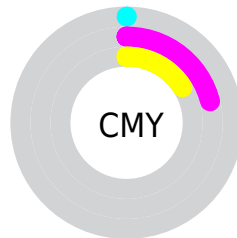
- Red (100%)
- Green (79%)
- Blue (84%)



- Red (100%)
- Yellow (79%)
- Blue (84%)



- Cyan (0%)
- Magenta (21%)
- Yellow (16%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.3561, 0.3453, 0.3168 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 68.3561, 0.3453, 0.3168 by changing the saturation by 10% instead.

 68.3561, 0.3453,
0.3168

 68.3561, 0.3453,
0.3168

454.7567, 0.3300,
0.3226

 50.1875, 0.3488,
0.3154


116.8614, 0.3400,
0.3188

 35.5624, 0.3533,
0.3138


147.9669, 0.3379,
0.3196

 24.0964, 0.3589,
0.3116


184.1535, 0.3361,
0.3203

 15.4052, 0.3663,
0.3087

225.8056, 0.3346,
0.3209

 9.1042, 0.3766,
0.3047

273.3076, 0.3332,
0.3214

 4.8092, 0.3917,
0.2988


327.0438, 0.3320,


 2.1358, 0.4161,


0.3218


0.2892


387.3987, 0.3310,
0.3222


 0.6846, 0.4699,
0.2697


 0.0000, 1.0000,
0.0000


 68.3561, 0.3453,
0.3168


 68.3561, 0.3453,
0.3168


 56.4156, 0.3668,
0.3106

 82.3960, 0.3278,
0.3229

 46.4724, 0.3931,
0.3044

 98.6291, 0.3137,
0.3286

 38.4169, 0.4246,
0.2990

 100.0000, 0.3127,
0.3290

 32.1288, 0.4610,
0.2951

■ 27.4734, 0.5009,
0.2938

■ 24.2970, 0.5413,
0.2959

■ 22.4157, 0.5777,
0.3021

■ 21.5647, 0.6043,
0.3102

Harmonies

Analogous

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



68.3561, 0.3214, 0.2990



68.3561, 0.3453, 0.3168



68.3561, 0.3604, 0.3380

Triad

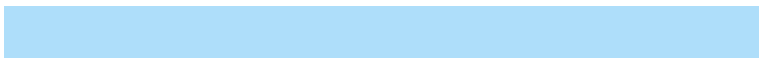
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.3561, 0.3453, 0.3168



68.3561, 0.3281, 0.3733



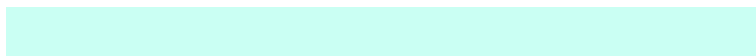
68.3561, 0.2655, 0.2977

Complementary

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



68.3561, 0.3453, 0.3168



90.5448, 0.2878, 0.3416

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.



68.3561, 0.2672, 0.3169



68.3561, 0.3453, 0.3168



68.3561, 0.3027, 0.3620

Square

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



68.3561, 0.3453, 0.3168



68.3561, 0.3501, 0.3713



68.3561, 0.2806, 0.3407



68.3561, 0.2758, 0.2878

Rectangle

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



68.3561, 0.3453, 0.3168



68.3561, 0.3632, 0.3518



68.3561, 0.2806, 0.3407



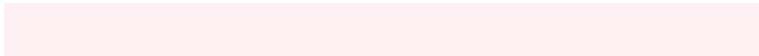
68.3561, 0.2647, 0.3032

Sweetspot

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



68.3564, 0.3453, 0.3168



89.8854, 0.3207, 0.3256



68.4488, 0.3061, 0.2757



19.0140, 0.3216, 0.3253



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

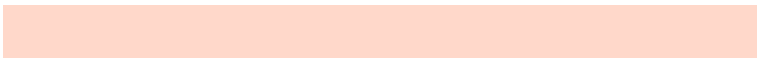
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.3564, 0.3453, 0.3168



63.0739, 0.3538, 0.3142



74.7029, 0.3517, 0.3435



18.0546, 0.3258, 0.3236



11.2865, 0.6005, 0.3081



1.1147, 0.5696, 0.2912

Inverse Universe

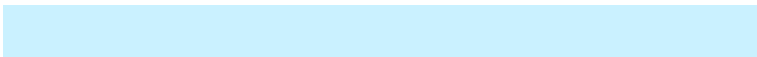
The Inverse Universe completely reimagines the original color for something new.



68.3564, 0.3453, 0.3168



63.0739, 0.3538, 0.3142



82.6072, 0.2806, 0.3140



18.0546, 0.3258, 0.3236



11.2865, 0.6005, 0.3081



1.1147, 0.5696, 0.2912

Previews

White Background



This preview shows how the Yxy color 68.3561, 0.3453, 0.3168 looks on a white background.

Color Contrast Check

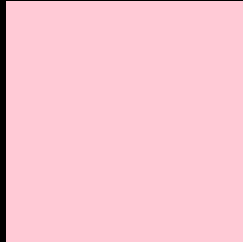
Large Text (above 18pt) WCAG AA × Fail

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 68.3561, 0.3453, 0.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

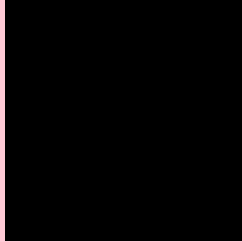
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.3561, 0.3453, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 68.3561, 0.3453, 0.3168.

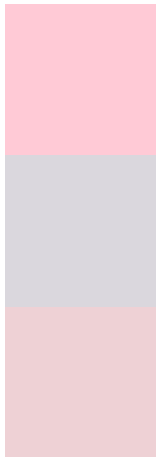


This preview shows how white text looks on a background with the Yxy color 68.3561, 0.3453, 0.3168.

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

68.3561, 0.3453, 0.3168

Protanopia

68.7268, 0.3109, 0.3224

Deuteranopia

68.5822, 0.3319, 0.3248



Tritanopia

68.5108, 0.3430, 0.3138

Trichromacy



Original Color

68.3561, 0.3453, 0.3168

Protanomaly

68.1441, 0.3228, 0.3204

Deuteranomaly

68.1798, 0.3369, 0.3217

Tritanomaly

68.4589, 0.3438, 0.3148

Monochromacy



Original Color

68.3561, 0.3453, 0.3168

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.7541, 0.3240, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3561, 0.3453, 0.3168 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 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, 202, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 214) }
```

Border

The CSS property to change the border of an element to Yxy 68.3561, 0.3453, 0.3168 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, 214) }
```

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

```
.border{ border-color:rgb(255, 202, 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, 202, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3561, 0.3453, 0.3168 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, 214) }
```

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

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