

Converting Colors

$Y_{xy}(68.3798, 0.3415, 0.3113)$

Have a look what the booklet for
Yxy(68.3798, 0.3415, 0.3113)
contains.

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Color

Yxy(68.6155, 0.3415, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	FFCADB
RGB	255, 202, 219
RGB Percent	100%, 79%, 86%
CMY	0.0000, 0.2078, 0.1412
CMYK	0.00, 0.21, 0.14, 0.00
HSL	341°, 100%, 90%
HSV	341°, 21%, 100%
XYZ	75.1514, 68.6155, 76.2957
YIQ	219.7850, 26.1310, 16.5230

Conversions

Conversions Part 2

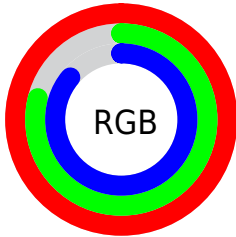
Format	Color
R _Y B	255, 202, 219
Decimal	16763611
CIE Lab	86.31, 21.34, -1.24
CIE LCh	86, 21.379, 356.678
Yxy	68.6155, 0.3415, 0.3118
Android (android.graphics.Color)	4294953691 (0xFFFFCADB)
YUV	219.7850, -0.3870, 30.8836
Hunter-Lab	82.8345, 16.9833, 3.3744

Details

The Yxy color **68.6155, 0.3415, 0.3118** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.2497, 0.2904, 0.3469**, and the grayscale version is **71.3996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.8659, 0.3488, 0.3083** is the 20% darker color. If you saturate the color by 10%, you get **56.7553, 0.3603, 0.3030**, and if you desaturate by 10%, it is **82.5460, 0.3261, 0.3203**.

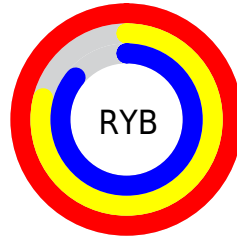
Distribution



Red (100%)

Green (79%)

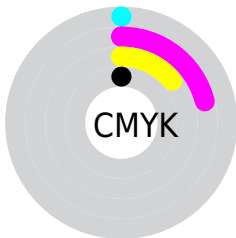
Blue (86%)



Red (100%)

Yellow (79%)

Blue (86%)

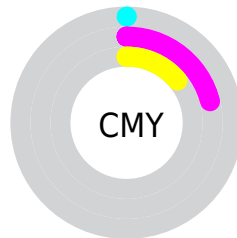


Cyan (0%)

Magenta (21%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.6155, 0.3415, 0.3118 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 68.6155, 0.3415, 0.3118 by changing the saturation by 10% instead.


 68.6155, 0.3415,
0.3118

 68.6155, 0.3415,
0.3118

455.6737, 0.3281,
0.3198

 50.3986, 0.3446,
0.3100


117.2322, 0.3368,
0.3146

 35.7302, 0.3485,
0.3077


148.4009, 0.3350,
0.3157

 24.2259, 0.3534,
0.3048


184.6556, 0.3334,
0.3166

 15.5013, 0.3598,
0.3010

226.3807, 0.3321,
0.3174

 9.1720, 0.3687,
0.2958

273.9607, 0.3309,
0.3181

 4.8535, 0.3818,
0.2882

327.7800, 0.3298,

 2.1616, 0.4026,

0.3187

0.2762

388.2228, 0.3289,
0.3193

0.6989, 0.4438,
0.2513

0.0000, 1.0000,
0.0000

68.6155, 0.3415,
0.3118

68.6155, 0.3415,
0.3118

56.7553, 0.3603,
0.3030

82.5460, 0.3261,
0.3203

46.8681, 0.3831,
0.2943

98.6425, 0.3136,
0.3284

38.8447, 0.4101,
0.2865

100.0000, 0.3127,
0.3290

32.5665, 0.4415,
0.2804

■ 27.9007, 0.4761,
0.2772

■ 24.6955, 0.5120,
0.2783

■ 22.7695, 0.5462,
0.2843

■ 21.8656, 0.5737,
0.2934

Harmonies

Analogous

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



68.6155, 0.3157, 0.2948



68.6155, 0.3415, 0.3118



68.6155, 0.3598, 0.3333

Triad

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



68.6155, 0.3415, 0.3118



68.6155, 0.3343, 0.3757



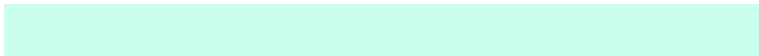
68.6155, 0.2632, 0.3002

Complementary

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



68.6155, 0.3415, 0.3118



90.2497, 0.2904, 0.3469

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.



68.6155, 0.2677, 0.3217



68.6155, 0.3415, 0.3118



68.6155, 0.3081, 0.3670

Square

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



68.6155, 0.3415, 0.3118



68.6155, 0.3553, 0.3706



68.6155, 0.2839, 0.3466



68.6155, 0.2711, 0.2877

Rectangle

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



68.6155, 0.3415, 0.3118



68.6155, 0.3648, 0.3480



68.6155, 0.2839, 0.3466



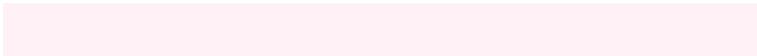
68.6155, 0.2633, 0.3066

Sweetspot

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



68.6146, 0.3415, 0.3118



89.9722, 0.3198, 0.3243



67.5224, 0.3023, 0.2751



19.0344, 0.3206, 0.3237



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

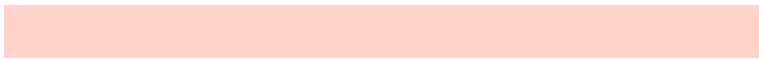
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.6146, 0.3415, 0.3118



63.3686, 0.3490, 0.3081



72.0295, 0.3528, 0.3382



18.0831, 0.3244, 0.3214



11.4492, 0.5694, 0.2910



1.1337, 0.5375, 0.2734

Inverse Universe

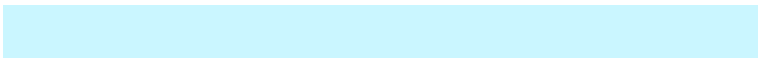
The Inverse Universe completely reimagines the original color for something new.



68.6146, 0.3415, 0.3118



63.3686, 0.3490, 0.3081



85.7892, 0.2810, 0.3196



18.0831, 0.3244, 0.3214



11.4492, 0.5694, 0.2910



1.1337, 0.5375, 0.2734

Previews

White Background



This preview shows how the Yxy color 68.6155, 0.3415, 0.3118 looks on a white background.

Color Contrast Check

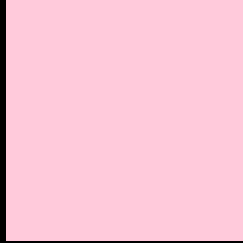
Large Text (above 18pt) WCAG AA × Fail

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 68.6155, 0.3415, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

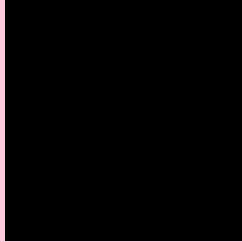
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.6155, 0.3415, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 68.6155, 0.3415, 0.3118.



This preview shows how white text looks on a background with the Yxy color 68.6155, 0.3415, 0.3118.

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

68.6155, 0.3415, 0.3118

Protanopia

68.8986, 0.3061, 0.3159

Deuteranopia

68.4958, 0.3267, 0.3195



Tritanopia

68.5630, 0.3422, 0.3128

Trichromacy



Original Color

68.6155, 0.3415, 0.3118

Protanomaly

68.4639, 0.3186, 0.3141

Deuteranomaly

68.2593, 0.3324, 0.3165

Tritanomaly

68.5630, 0.3422, 0.3128

Monochromacy



Original Color

68.6155, 0.3415, 0.3118

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.0794, 0.3227, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.6155, 0.3415, 0.3118 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 219) }
```

Border

The CSS property to change the border of an element to Yxy 68.6155, 0.3415, 0.3118 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, 219) }
```

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

```
.border{ border-color:rgb(255, 202, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 68.6155, 0.3415, 0.3118 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, 219) }
```

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

```
.background{ background-color: rgb(255,  
202, 219) }
```

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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