

Converting Colors

Yxy(66.9234, 0.3469, 0.3153)

Have a look what the booklet for
Yxy(66.9234, 0.3469, 0.3153)
contains.

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Color

Yxy(66.9109, 0.3466, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7D5
RGB	255, 199, 213
RGB Percent	100%, 78%, 84%
CMY	0.0000, 0.2196, 0.1648
CMYK	0.00, 0.22, 0.16, 0.00
HSL	345°, 100%, 89%
HSV	345°, 22%, 100%
XYZ	73.6700, 66.9109, 71.9696
YIQ	217.3400, 28.8820, 16.2260

Conversions

Conversions Part 2

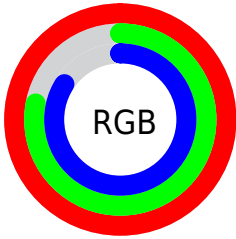
Format	Color
R _Y B	255, 199, 213
Decimal	16762837
CIE Lab	85.46, 21.97, 0.71
CIE LCh	85, 21.979, 1.854
Yxy	66.9109, 0.3466, 0.3148
Android (android.graphics.Color)	4294952917 (0xFFFFC7D5)
YUV	217.3400, -2.1396, 33.0278
Hunter-Lab	81.7991, 17.6125, 5.0940

Details

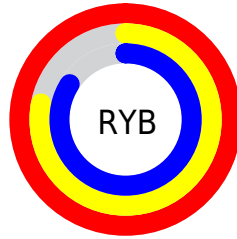
The Yxy color **66.9109, 0.3466, 0.3148** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.0127, 0.2872, 0.3437**, and the grayscale version is **69.6345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.7252, 0.3557, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **55.2307, 0.3680, 0.3079**, and if you desaturate by 10%, it is **80.6779, 0.3292, 0.3215**.

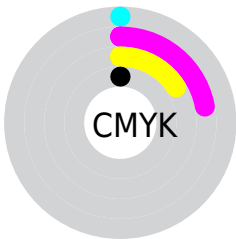
Distribution



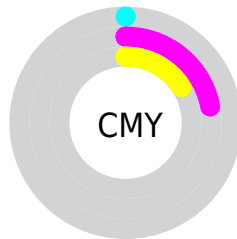
- Red (100%)
- Green (78%)
- Blue (84%)



- Red (100%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.9109, 0.3466, 0.3148 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 66.9109, 0.3466, 0.3148 by changing the saturation by 10% instead.


 66.9109, 0.3466,
0.3148

 66.9109, 0.3466,
0.3148

449.6276, 0.3307,
0.3215

 49.0122, 0.3503,
0.3132


114.7927, 0.3410,
0.3172

 34.6292, 0.3549,
0.3113


145.5447, 0.3389,
0.3181

 23.3774, 0.3608,
0.3088


181.3498, 0.3370,
0.3188

 14.8724, 0.3687,
0.3054

222.5926, 0.3354,
0.3195

 8.7299, 0.3795,
0.3008

269.6573, 0.3340,
0.3201

 4.5654, 0.3955,
0.2939


322.9285, 0.3328,


 1.9946, 0.4215,


0.3206


0.2827

382.7904, 0.3316,
0.3211

 0.6043, 0.4846,
0.2568


 0.0000, 1.0000,
0.0000


 66.9109, 0.3466,
0.3148


 66.9109, 0.3466,
0.3148

 55.2307, 0.3680,
0.3079

 80.6779, 0.3292,
0.3215

 45.5262, 0.3940,
0.3013

 96.6173, 0.3151,
0.3278

 37.6901, 0.4250,
0.2954

99.9991, 0.3127,
0.3290

 31.6008, 0.4607,
0.2912

■ 27.1225, 0.4997,
0.2899

■ 24.0990, 0.5390,
0.2923

■ 22.3426, 0.5744,
0.2991

■ 21.6250, 0.5977,
0.3066

Harmonies

Analogous

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



66.9109, 0.3206, 0.2962



66.9109, 0.3466, 0.3148



66.9109, 0.3635, 0.3374

Triad

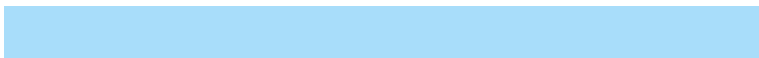
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.9109, 0.3466, 0.3148



66.9109, 0.3305, 0.3769



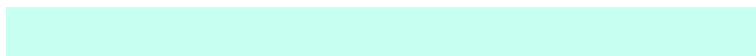
66.9109, 0.2619, 0.2961

Complementary

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



66.9109, 0.3466, 0.3148



90.0127, 0.2872, 0.3437

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.



66.9109, 0.2644, 0.3171



66.9109, 0.3466, 0.3148



66.9109, 0.3032, 0.3655

Square

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



66.9109, 0.3466, 0.3148



66.9109, 0.3537, 0.3740



66.9109, 0.2792, 0.3429



66.9109, 0.2723, 0.2851

Rectangle

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



66.9109, 0.3466, 0.3148



66.9109, 0.3670, 0.3523



66.9109, 0.2792, 0.3429



66.9109, 0.2613, 0.3022

Sweetspot

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



66.9139, 0.3466, 0.3148



88.3023, 0.3219, 0.3247



66.7720, 0.3050, 0.2725



18.6954, 0.3227, 0.3243



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.



66.9139, 0.3466, 0.3148



61.9459, 0.3547, 0.3120



72.9750, 0.3546, 0.3435



18.0614, 0.3255, 0.3231



11.3199, 0.5937, 0.3044



1.1188, 0.5622, 0.2871

Inverse Universe

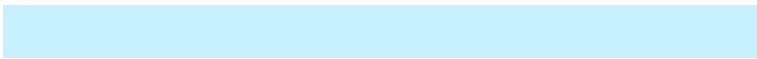
The Inverse Universe completely reimagines the original color for something new.



66.9139, 0.3466, 0.3148



61.9459, 0.3547, 0.3120



82.2732, 0.2789, 0.3141



18.0614, 0.3255, 0.3231



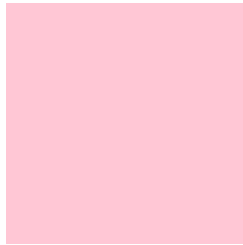
11.3199, 0.5937, 0.3044



1.1188, 0.5622, 0.2871

Previews

White Background



This preview shows how the Yxy color 66.9109, 0.3466, 0.3148 looks on a white background.

Color Contrast Check

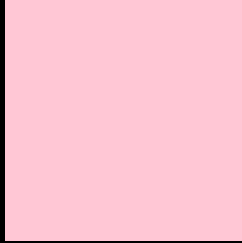
Large Text (above 18pt) WCAG AA × Fail

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 66.9109, 0.3466, 0.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

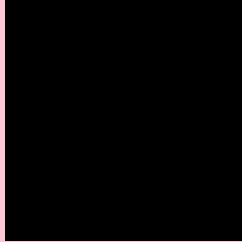
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.9109, 0.3466, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 66.9109, 0.3466, 0.3148.



This preview shows how white text looks on a background with the Yxy color 66.9109, 0.3466, 0.3148.

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

66.9109, 0.3466, 0.3148

Protanopia

67.4079, 0.3095, 0.3201

Deuteranopia

66.9910, 0.3313, 0.3248



Tritanopia

66.9619, 0.3458, 0.3138

Trichromacy



Original Color

66.9109, 0.3466, 0.3148

Protanomaly

66.9967, 0.3223, 0.3182

Deuteranomaly

66.8164, 0.3363, 0.3206

Tritanomaly

66.9619, 0.3458, 0.3138

Monochromacy



Original Color

66.9109, 0.3466, 0.3148

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.0400, 0.3243, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9109, 0.3466, 0.3148 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, 199, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 213)  
}
```

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, 199, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 213) }
```

Border

The CSS property to change the border of an element to Yxy 66.9109, 0.3466, 0.3148 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, 199, 213) }
```

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

```
.border{ border-color:rgb(255, 199, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9109, 0.3466, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 213) }
```

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

```
.background{ background-color: rgb(255,  
199, 213) }
```

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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