

# Converting Colors

$Yxy(66.2933, 0.3558, 0.3266)$

Have a look what the booklet for  
Yxy(66.2933, 0.3558, 0.3266)  
contains.

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# Color

**Yxy(66.3239, 0.3561, 0.3271)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC7C9
RGB	255, 199, 201
RGB Percent	100%, 78%, 79%
CMY	0.0000, 0.2196, 0.2119
CMYK	0.00, 0.22, 0.21, 0.00
HSL	358°, 100%, 89%
HSV	358°, 22%, 100%
XYZ	72.2040, 66.3239, 64.2354
YIQ	215.9720, 32.7340, 12.4940

# Conversions

## Conversions Part 2

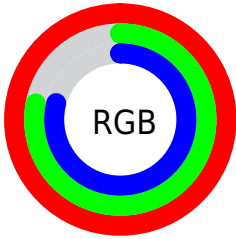
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 199, 201
Decimal	16762825
CIE Lab	85.16, 20.18, 6.68
CIE LCh	85, 21.259, 18.305
Yxy	66.3239, 0.3561, 0.3271
Android (android.graphics.Color)	4294952905 (0xFFFFC7C9)
YUV	215.9720, -7.3812, 34.2276
Hunter-Lab	81.4395, 15.7385, 10.2426

# Details

The Yxy color **66.3239, 0.3561, 0.3271** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.7575, 0.2810, 0.3310**, and the grayscale version is **68.6839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2277, 0.3665, 0.3265** is the 20% darker color. If you saturate the color by 10%, you get **54.4914, 0.3841, 0.3262**, and if you desaturate by 10%, it is **80.3126, 0.3337, 0.3280**.

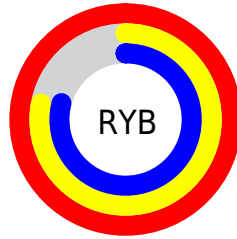
# Distribution



Red (100%)

Green (78%)

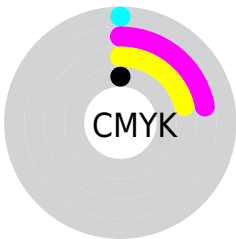
Blue (79%)



Red (100%)

Yellow (78%)

Blue (79%)

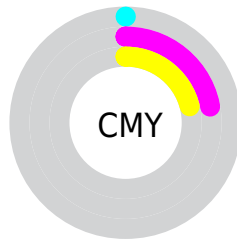


Cyan (0%)

Magenta (22%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (22%)


Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3239, 0.3561, 0.3271 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 66.3239, 0.3561, 0.3271 by changing the saturation by 10% instead.




 66.3239, 0.3561,  
0.3271

 66.3239, 0.3561,  
0.3271

447.5344, 0.3355,  
0.3283

 48.5354, 0.3609,  
0.3267

113.9511, 0.3489,  
0.3276

 34.2511, 0.3669,  
0.3263


144.5586, 0.3461,  
0.3277

 23.0865, 0.3747,  
0.3256


180.2078, 0.3437,  
0.3279

 14.6574, 0.3849,  
0.3246

221.2832, 0.3416,  
0.3280

 8.5793, 0.3993,  
0.3230

268.1692, 0.3398,  
0.3281

 4.4678, 0.4205,  
0.3202


321.2501, 0.3382,

 1.9385, 0.4552,


0.3282


0.3147

380.9104, 0.3368,  
0.3282


 0.5714, 0.5912,  
0.3214


 0.0000, 0.0000,  
0.0000


 66.3239, 0.3561,  
0.3271


 66.3239, 0.3561,  
0.3271

 54.4914, 0.3841,  
0.3262


 80.3126, 0.3337,  
0.3280

 44.7014, 0.4184,  
0.3254

 96.5498, 0.3158,  
0.3288

 36.8404, 0.4593,  
0.3248

100.0000, 0.3127,  
0.3290

 30.7810, 0.5054,  
0.3245

■ 26.3806, 0.5529,  
0.3249

■ 23.4747, 0.5952,  
0.3259

■ 21.8658, 0.6250,  
0.3276

■ 21.2796, 0.6376,  
0.3286

# Harmonies

## Analogous

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



66.3239, 0.3349, 0.3063



66.3239, 0.3561, 0.3271



66.3239, 0.3652, 0.3492

# Triad

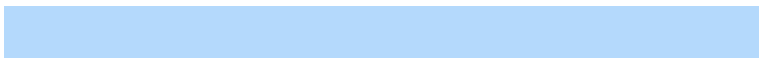
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.3239, 0.3561, 0.3271



66.3239, 0.3155, 0.3710



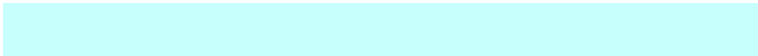
66.3239, 0.2674, 0.2899

# Complementary

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



66.3239, 0.3561, 0.3271



90.7575, 0.2810, 0.3310

# 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.



66.3239, 0.2629, 0.3053



66.3239, 0.3561, 0.3271



66.3239, 0.2899, 0.3533

# Square

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



66.3239, 0.3561, 0.3271



66.3239, 0.3411, 0.3759



66.3239, 0.2709, 0.3286



66.3239, 0.2837, 0.2851



# Rectangle

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



66.3239, 0.3561, 0.3271



66.3239, 0.3631, 0.3621



66.3239, 0.2709, 0.3286



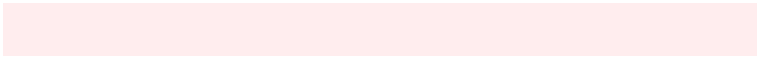
66.3239, 0.2645, 0.2939

# Sweetspot

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



66.3262, 0.3561, 0.3271



88.0751, 0.3243, 0.3284



68.8034, 0.3132, 0.2739



18.6430, 0.3254, 0.3284



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

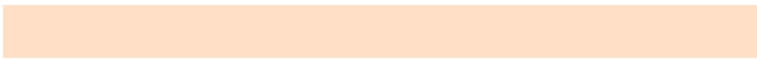
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.3262, 0.3561, 0.3271



61.2889, 0.3667, 0.3267



78.8052, 0.3522, 0.3547



17.9974, 0.3289, 0.3282



11.1235, 0.6365, 0.3280



1.0865, 0.6282, 0.3234



# Inverse Universe

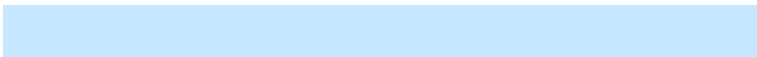
The Inverse Universe completely reimagines the original color for something new.



66.3262, 0.3561, 0.3271



61.2889, 0.3667, 0.3267



75.8476, 0.2780, 0.3019



17.9974, 0.3289, 0.3282



11.1235, 0.6365, 0.3280



1.0865, 0.6282, 0.3234



# Previews

## White Background



This preview shows how the Yxy color 66.3239, 0.3561, 0.3271 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

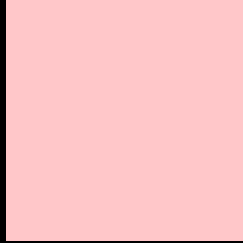
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 66.3239, 0.3561, 0.3271 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 66.3239, 0.3561, 0.3271**

## **Background**



This preview shows how black text looks on a background with the Yxy color 66.3239, 0.3561, 0.3271.

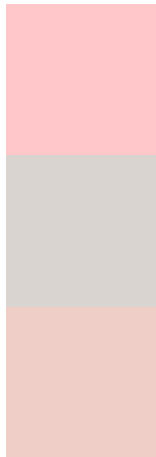


This preview shows how white text looks on a background with the Yxy color 66.3239, 0.3561, 0.3271.

# 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

66.3239, 0.3561, 0.3271

### Protanopia

66.5465, 0.3199, 0.3335

### Deuteranopia

66.6635, 0.3427, 0.3355



## Tritanopia

66.4016, 0.3475, 0.3148

# Trichromacy



## Original Color

66.3239, 0.3561, 0.3271

## Protanomaly

66.0223, 0.3326, 0.3312

## Deuteranomaly

66.2945, 0.3480, 0.3323

## Tritanomaly

66.2022, 0.3507, 0.3188

# Monochromacy



## Original Color

66.3239, 0.3561, 0.3271

## Achromatopsia

68.6685, 0.3127, 0.3290

## Achromatomaly

67.6193, 0.3271, 0.3280

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 66.3239, 0.3561, 0.3271 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 201) }
```

## Border

The CSS property to change the border of an element to Yxy 66.3239, 0.3561, 0.3271 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, 201) }
```

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

```
.border{ border-color:rgb(255, 199, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
201) }
```



# Background

The CSS property to change the background color of an element to Yxy 66.3239, 0.3561, 0.3271 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, 201) }
```

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

```
.background{ background-color: rgb(255,  
199, 201) }
```

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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