

Converting Colors

$Y_{xy}(70.0064, 0.3639, 0.3231)$

Have a look what the booklet for
Yxy(70.0064, 0.3639, 0.3231)
contains.

Yxy(67.0248, 0.3519, 0.3229)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.0248, 0.3519, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8CE
RGB	255, 200, 206
RGB Percent	100%, 78%, 81%
CMY	0.0000, 0.2157, 0.1920
CMYK	0.00, 0.22, 0.19, 0.00
HSL	353°, 100%, 89%
HSV	353°, 22%, 100%
XYZ	73.0444, 67.0248, 67.5022
YIQ	217.1290, 30.8540, 13.5260

Conversions

Conversions Part 2

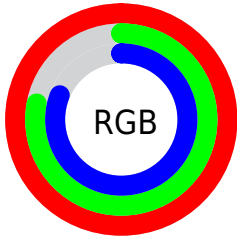
Format	Color
R _Y B	255, 200, 206
Decimal	16763086
CIE Lab	85.52, 20.42, 4.49
CIE LCh	86, 20.904, 12.410
Yxy	67.0248, 0.3519, 0.3229
Android (android.graphics.Color)	4294953166 (0xFFFFC8CE)
YUV	217.1290, -5.4866, 33.2129
Hunter-Lab	81.8687, 15.9900, 8.4224

Details

The Yxy color **67.0248, 0.3519, 0.3229** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.6353, 0.2836, 0.3353**, and the grayscale version is **69.5027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.8305, 0.3619, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **55.1561, 0.3773, 0.3199**, and if you desaturate by 10%, it is **81.0200, 0.3314, 0.3258**.

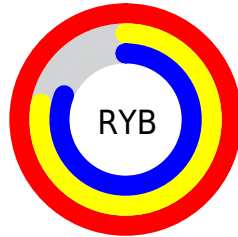
Distribution



Red (100%)

Green (78%)

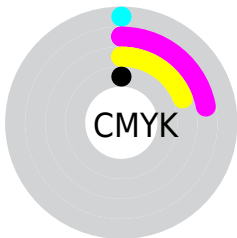
Blue (81%)



Red (100%)

Yellow (78%)

Blue (81%)

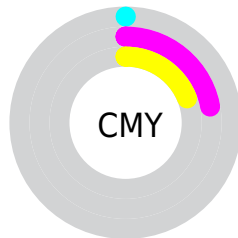


Cyan (0%)

Magenta (22%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.0248, 0.3519, 0.3229 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 67.0248, 0.3519, 0.3229 by changing the saturation by 10% instead.


 67.0248, 0.3519,
0.3229

 67.0248, 0.3519,
0.3229


450.0330, 0.3334,
0.3260

 49.1048, 0.3562,
0.3221


114.9559, 0.3454,
0.3240

 34.7026, 0.3616,
0.3212


145.7359, 0.3429,
0.3244

 23.4339, 0.3685,
0.3199


181.5712, 0.3407,
0.3248

 14.9142, 0.3777,
0.3181

222.8464, 0.3389,
0.3251

 8.7592, 0.3905,
0.3155

269.9457, 0.3373,
0.3254

 4.5844, 0.4093,
0.3115


323.2537, 0.3358,


 2.0056, 0.4401,


0.3256


0.3042


383.1547, 0.3345,
0.3258


 0.6107, 0.5340,
0.2960


 0.0000, 1.0000,
0.0000


 67.0248, 0.3519,
0.3229


 67.0248, 0.3519,
0.3229

 55.1561, 0.3773,
0.3199


 81.0200, 0.3314,
0.3258

 45.3133, 0.4085,
0.3170

 97.2427, 0.3150,
0.3286

 37.3819, 0.4459,
0.3147

100.0000, 0.3127,
0.3290

 31.2375, 0.4886,
0.3133

■ 26.7410, 0.5340,
0.3135

■ 23.7328, 0.5769,
0.3158

■ 22.0211, 0.6110,
0.3201

■ 21.3439, 0.6297,
0.3242

Harmonies

Analogous

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



67.0248, 0.3295, 0.3033



67.0248, 0.3519, 0.3229



67.0248, 0.3635, 0.3447

Triad

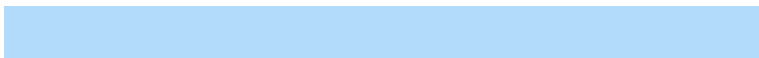
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.0248, 0.3519, 0.3229



67.0248, 0.3206, 0.3722



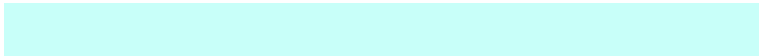
67.0248, 0.2665, 0.2929

Complementary

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



67.0248, 0.3519, 0.3229



90.6353, 0.2836, 0.3353

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.



67.0248, 0.2644, 0.3099



67.0248, 0.3519, 0.3229



67.0248, 0.2950, 0.3569

Square

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



67.0248, 0.3519, 0.3229



67.0248, 0.3449, 0.3742



67.0248, 0.2747, 0.3335



67.0248, 0.2803, 0.2860

Rectangle

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



67.0248, 0.3519, 0.3229



67.0248, 0.3634, 0.3580



67.0248, 0.2747, 0.3335



67.0248, 0.2644, 0.2975

Sweetspot

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



67.0235, 0.3519, 0.3229



89.7773, 0.3218, 0.3274



68.5886, 0.3105, 0.2744



18.9885, 0.3229, 0.3272



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

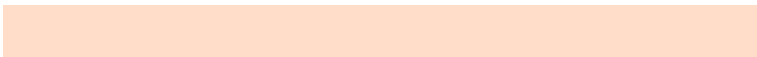
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.0235, 0.3519, 0.3229



61.5110, 0.3625, 0.3216



77.1846, 0.3522, 0.3506



18.0195, 0.3277, 0.3264



11.1630, 0.6273, 0.3229



1.0970, 0.6046, 0.3104

Inverse Universe

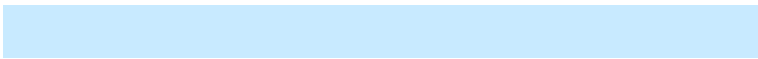
The Inverse Universe completely reimagines the original color for something new.



67.0235, 0.3519, 0.3229



61.5110, 0.3625, 0.3216



78.2952, 0.2789, 0.3064



18.0195, 0.3277, 0.3264



11.1630, 0.6273, 0.3229



1.0970, 0.6046, 0.3104

Previews

White Background



This preview shows how the Yxy color 67.0248, 0.3519, 0.3229 looks on a white background.

Color Contrast Check

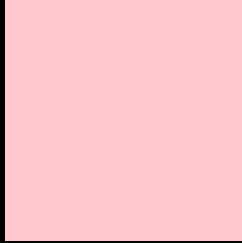
Large Text (above 18pt) WCAG AA × Fail

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 67.0248, 0.3519, 0.3229 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 67.0248, 0.3519, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 67.0248, 0.3519, 0.3229.



This preview shows how white text looks on a background with the Yxy color 67.0248, 0.3519, 0.3229.

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

67.0248, 0.3519, 0.3229

Protanopia

67.2980, 0.3164, 0.3290

Deuteranopia

67.2106, 0.3380, 0.3312



Tritanopia

66.9619, 0.3458, 0.3138

Trichromacy



Original Color

67.0248, 0.3519, 0.3229

Protanomaly

66.7538, 0.3288, 0.3269

Deuteranomaly

66.8266, 0.3432, 0.3280

Tritanomaly

66.8100, 0.3482, 0.3168

Monochromacy



Original Color

67.0248, 0.3519, 0.3229

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.3816, 0.3263, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0248, 0.3519, 0.3229 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, 200, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 206)  
}
```

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, 200, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 206) }
```

Border

The CSS property to change the border of an element to Yxy 67.0248, 0.3519, 0.3229 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, 200, 206) }
```

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

```
.border{ border-color:rgb(255, 200, 206) }
```

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

Here you see how a box with a 4 pixel rgb(255, 200, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0248, 0.3519, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 206) }
```

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

```
.background{ background-color: rgb(255,  
200, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor