

Converting Colors

$Y_{xy}(70.6411, 0.3741, 0.3301)$

Have a look what the booklet for
Yxy(70.6411, 0.3741, 0.3301)
contains.

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Color

Yxy(66.6921, 0.3574, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8C7
RGB	255, 200, 199
RGB Percent	100%, 78%, 78%
CMY	0.0002, 0.2156, 0.2196
CMYK	0.00, 0.22, 0.22, 0.00
HSL	1°, 100%, 89%
HSV	1°, 22%, 100%
XYZ	72.1858, 66.6921, 63.0969
YIQ	216.3310, 33.1010, 11.3490

Conversions

Conversions Part 2

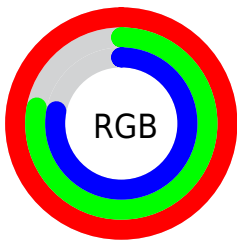
Format	Color
R _Y B	255, 200, 199
Decimal	16763079
CIE Lab	85.35, 19.34, 8.00
CIE LCh	85, 20.927, 22.463
Yxy	66.6921, 0.3574, 0.3302
Android (android.graphics.Color)	4294953159 (0xFFFFC8C7)
YUV	216.3310, -8.5442, 33.9127
Hunter-Lab	81.6652, 14.8662, 11.3565

Details

The Yxy color **66.6921, 0.3574, 0.3302** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.1791, 0.2799, 0.3278**, and the grayscale version is **68.9484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4724, 0.3683, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **54.9492, 0.3861, 0.3308**, and if you desaturate by 10%, it is **80.5361, 0.3343, 0.3296**.

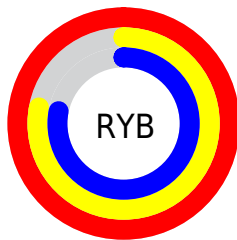
Distribution



Red (100%)

Green (78%)

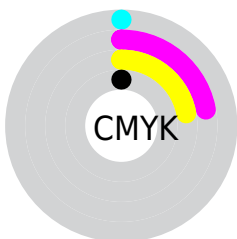
Blue (78%)



Red (100%)

Yellow (78%)

Blue (78%)

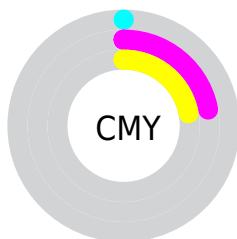


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6921, 0.3574, 0.3302 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 66.6921, 0.3574, 0.3302 by changing the saturation by 10% instead.


 66.6921, 0.3574,
0.3302

 66.6921, 0.3574,
0.3302


448.8480, 0.3362,
0.3300

 48.8344, 0.3624,
0.3302


114.4791, 0.3500,
0.3302

 34.4882, 0.3686,
0.3301


145.1773, 0.3471,
0.3302

 23.2689, 0.3765,
0.3299


180.9244, 0.3446,
0.3301

 14.7922, 0.3871,
0.3295

222.1048, 0.3425,
0.3301

 8.6737, 0.4018,
0.3288

269.1030, 0.3406,
0.3301

 4.5289, 0.4236,
0.3272


322.3033, 0.3390,

 1.9736, 0.4590,


0.3300


0.3233


382.0902, 0.3375,
0.3300


 0.5921, 0.6077,
0.3427


 0.0000, 0.0000,
0.0000


 66.6921, 0.3574,
0.3302

 66.6921, 0.3574,
0.3302

 54.9492, 0.3861,
0.3308


 80.5361, 0.3343,
0.3296

 45.1962, 0.4214,
0.3314

 96.5671, 0.3158,
0.3291

 37.3256, 0.4632,
0.3319

99.9885, 0.3127,
0.3290

 31.2161, 0.5101,
0.3322

■ 26.7323, 0.5578,
0.3322

■ 23.7191, 0.5995,
0.3319

■ 21.9913, 0.6277,
0.3311

■ 21.3512, 0.6392,
0.3307

Harmonies

Analogous

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



66.6921, 0.3379, 0.3093



66.6921, 0.3574, 0.3302



66.6921, 0.3644, 0.3517

Triad

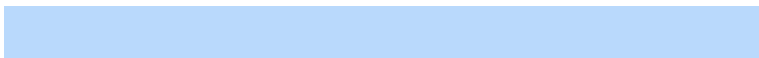
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.6921, 0.3574, 0.3302



66.6921, 0.3118, 0.3685



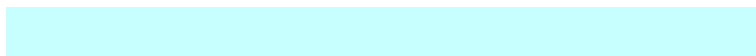
66.6921, 0.2698, 0.2893

Complementary

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



66.6921, 0.3574, 0.3302



90.1791, 0.2799, 0.3278

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.



66.6921, 0.2636, 0.3031



66.6921, 0.3574, 0.3302



66.6921, 0.2872, 0.3497

Square

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



66.6921, 0.3574, 0.3302



66.6921, 0.3374, 0.3752



66.6921, 0.2698, 0.3252



66.6921, 0.2871, 0.2861

Rectangle

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



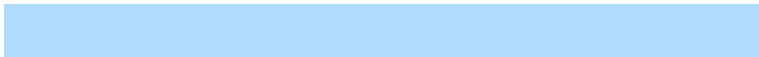
66.6921, 0.3574, 0.3302



66.6921, 0.3609, 0.3638



66.6921, 0.2698, 0.3252



66.6921, 0.2664, 0.2927

Sweetspot

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



66.6952, 0.3574, 0.3302



88.2305, 0.3247, 0.3294



69.2491, 0.3159, 0.2751



18.6788, 0.3258, 0.3294



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

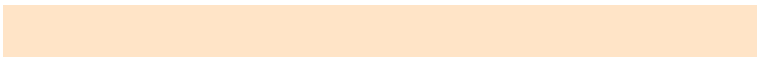
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.6952, 0.3574, 0.3302



61.7174, 0.3683, 0.3304



80.8034, 0.3514, 0.3583



18.0409, 0.3294, 0.3295



11.1858, 0.6388, 0.3310



1.1073, 0.6357, 0.3334

Inverse Universe

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



90.1791, 0.2799, 0.3278



88.7387, 0.2744, 0.3276



73.7691, 0.2777, 0.2978



20.4202, 0.2980, 0.3285



39.6127, 0.2231, 0.3231



3.8747, 0.2233, 0.3238

Previews

White Background



This preview shows how the Yxy color 66.6921, 0.3574, 0.3302 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 66.6921, 0.3574, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

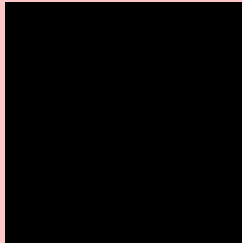
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6921, 0.3574, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 66.6921, 0.3574, 0.3302.

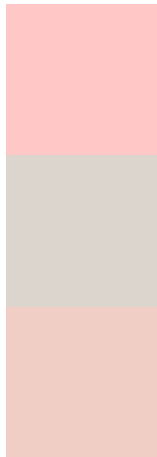


This preview shows how white text looks on a background with the Yxy color 66.6921, 0.3574, 0.3302.

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

66.6921, 0.3574, 0.3302

Protanopia

67.1048, 0.3220, 0.3368

Deuteranopia

66.7451, 0.3450, 0.3377



Tritanopia

66.9109, 0.3466, 0.3148

Trichromacy



Original Color

66.6921, 0.3574, 0.3302

Protanomaly

66.5794, 0.3347, 0.3345

Deuteranomaly

66.6754, 0.3494, 0.3355

Tritanomaly

66.6609, 0.3505, 0.3199

Monochromacy



Original Color

66.6921, 0.3574, 0.3302

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.5693, 0.3278, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6921, 0.3574, 0.3302 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 199) }
```

Border

The CSS property to change the border of an element to Yxy 66.6921, 0.3574, 0.3302 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, 199) }
```

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

```
.border{ border-color:rgb(255, 200, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6921, 0.3574, 0.3302 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, 199) }
```

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

```
.background{ background-color: rgb(255,  
200, 199) }
```

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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