

Converting Colors

$Y_{xy}(66.6045, 0.3620, 0.3302)$

Have a look what the booklet for
Yxy(66.6045, 0.3620, 0.3302)
contains.

Yxy(65.6794, 0.3595, 0.3302)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.6794, 0.3595, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6C5
RGB	255, 198, 197
RGB Percent	100%, 78%, 77%
CMY	0.0000, 0.2235, 0.2275
CMYK	0.00, 0.22, 0.23, 0.00
HSL	1°, 100%, 89%
HSV	1°, 23%, 100%
XYZ	71.5074, 65.6794, 61.7211
YIQ	214.9290, 34.2930, 11.7730

Conversions

Conversions Part 2

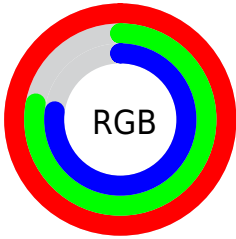
Format	Color
R _Y B	255, 198, 197
Decimal	16762565
CIE Lab	84.83, 20.13, 8.33
CIE LCh	85, 21.783, 22.477
Yxy	65.6794, 0.3595, 0.3302
Android (android.graphics.Color)	4294952645 (0xFFFFC6C5)
YUV	214.9290, -8.8390, 35.1423
Hunter-Lab	81.0428, 15.6729, 11.5755

Details

The Yxy color **65.6794, 0.3595, 0.3302** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.9456, 0.2788, 0.3278**, and the grayscale version is **67.9489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **33.8000, 0.3712, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **54.0910, 0.3888, 0.3308**, and if you desaturate by 10%, it is **79.3648, 0.3360, 0.3296**.

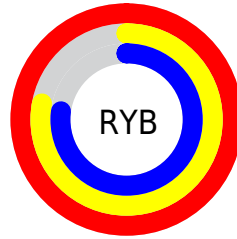
Distribution



Red (100%)

Green (78%)

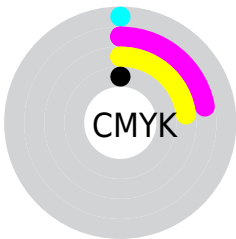
Blue (77%)



Red (100%)

Yellow (78%)

Blue (77%)

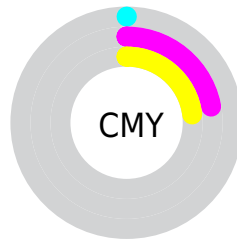


Cyan (0%)

Magenta (22%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6794, 0.3595, 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 65.6794, 0.3595, 0.3302 by changing the saturation by 10% instead.


 65.6794, 0.3595,
0.3302

 65.6794, 0.3595,
0.3302


445.2294, 0.3373,
0.3300

 48.0122, 0.3647,
0.3301

113.0261, 0.3517,
0.3302

 33.8365, 0.3713,
0.3300


143.4743, 0.3487,
0.3302

 22.7681, 0.3797,
0.3298


178.9517, 0.3461,
0.3302

 14.4223, 0.3908,
0.3294

219.8426, 0.3438,
0.3301

 8.4150, 0.4064,
0.3285

266.5314, 0.3419,
0.3301

 4.3616, 0.4296,
0.3266

319.4026, 0.3402,

 1.8778, 0.4675,

0.3301

378.8405, 0.3386,
0.3300

0.3222

0.5350, 0.6536,
0.3462

0.0000, 0.0000,
0.0000

65.6794, 0.3595,
0.3302

65.6794, 0.3595,
0.3302

54.0910, 0.3888,
0.3308

79.3648, 0.3360,
0.3296

44.4875, 0.4246,
0.3314

95.2340, 0.3172,
0.3291

36.7604, 0.4669,
0.3318

99.9980, 0.3127,
0.3290

30.7870, 0.5141,
0.3321

■ 26.4300, 0.5616,
0.3321

■ 23.5319, 0.6024,
0.3317

■ 21.9037, 0.6293,
0.3310

■ 21.3562, 0.6392,
0.3307

Harmonies

Analogous

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



65.6794, 0.3390, 0.3084



65.6794, 0.3595, 0.3302



65.6794, 0.3668, 0.3527

Triad

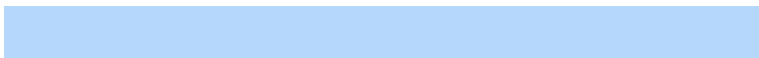
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.6794, 0.3595, 0.3302



65.6794, 0.3117, 0.3704



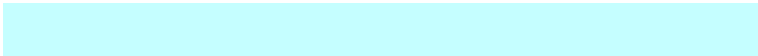
65.6794, 0.2679, 0.2874

Complementary

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



65.6794, 0.3595, 0.3302



89.9456, 0.2788, 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.



65.6794, 0.2614, 0.3019



65.6794, 0.3595, 0.3302



65.6794, 0.2860, 0.3507

Square

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



65.6794, 0.3595, 0.3302



65.6794, 0.3385, 0.3774



65.6794, 0.2679, 0.3250



65.6794, 0.2859, 0.2842

Rectangle

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



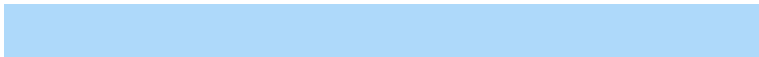
65.6794, 0.3595, 0.3302



65.6794, 0.3632, 0.3653



65.6794, 0.2679, 0.3250



65.6794, 0.2643, 0.2911

Sweetspot

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



65.6824, 0.3595, 0.3302



88.2222, 0.3247, 0.3293



68.3402, 0.3161, 0.2731



18.6769, 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.



65.6824, 0.3595, 0.3302



60.5101, 0.3712, 0.3305



80.2010, 0.3530, 0.3595



18.0386, 0.3294, 0.3295



11.1825, 0.6388, 0.3310



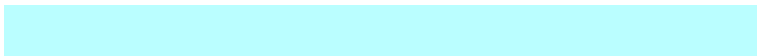
1.1062, 0.6359, 0.3333

Inverse Universe

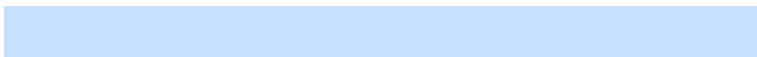
The Inverse Universe completely reimagines the original color for something new.



89.9456, 0.2788, 0.3278



88.4209, 0.2731, 0.3276



72.9484, 0.2764, 0.2965



20.4228, 0.2980, 0.3285



39.6778, 0.2232, 0.3233



3.8803, 0.2233, 0.3240

Previews

White Background



This preview shows how the Yxy color 65.6794, 0.3595, 0.3302 looks on a white background.

Color Contrast Check

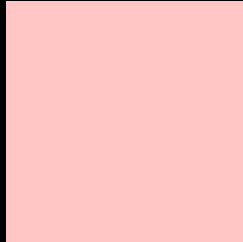
Large Text (above 18pt) WCAG AA × Fail

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 65.6794, 0.3595, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

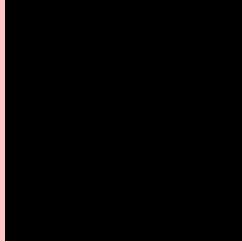
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.6794, 0.3595, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 65.6794, 0.3595, 0.3302.



This preview shows how white text looks on a background with the Yxy color 65.6794, 0.3595, 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

65.6794, 0.3595, 0.3302

Protanopia

65.8536, 0.3228, 0.3369

Deuteranopia

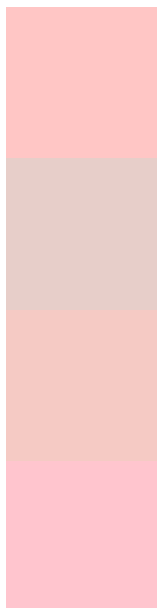
65.9989, 0.3459, 0.3388



Tritanopia

65.8957, 0.3485, 0.3147

Trichromacy



Original Color

65.6794, 0.3595, 0.3302

Protanomaly

65.3486, 0.3357, 0.3345

Deuteranomaly

65.6391, 0.3513, 0.3355

Tritanomaly

65.6487, 0.3525, 0.3199

Monochromacy



Original Color

65.6794, 0.3595, 0.3302

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.9780, 0.3294, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6794, 0.3595, 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, 198, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 197)  
}
```

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, 198, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 197) }
```

Border

The CSS property to change the border of an element to Yxy 65.6794, 0.3595, 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, 198, 197) }
```

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

```
.border{ border-color:rgb(255, 198, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6794, 0.3595, 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, 198, 197) }
```

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

```
.background{ background-color: rgb(255,  
198, 197) }
```

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