

Converting Colors

Yxy(33.6676, 0.3599, 0.3156)

Have a look what the booklet for
Yxy(33.6676, 0.3599, 0.3156)
contains.

Yxy(33.6806, 0.3595, 0.3158)	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(33.6806, 0.3595, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	C48F99
RGB	196, 143, 153
RGB Percent	77%, 56%, 60%
CMY	0.2313, 0.4392, 0.3999
CMYK	0.00, 0.27, 0.22, 0.23
HSL	349°, 31%, 66%
HSV	349°, 27%, 77%
XYZ	38.3413, 33.6806, 34.6298
YIQ	159.9870, 28.3780, 14.3460

Conversions

Conversions Part 2

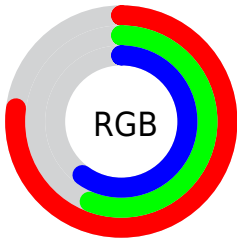
Format	Color
R_{YB}	196, 143, 153
Decimal	12881817
CIE _{Lab}	64.71, 21.56, 2.63
CIE _{LCh}	65, 21.722, 6.963
Yxy	33.6806, 0.3595, 0.3158
Android (android.graphics.Color)	4291071897 (0xFFC48F99)
YUV	159.9870, -3.4446, 31.5834
Hunter-Lab	58.0350, 16.3662, 5.2458

Details

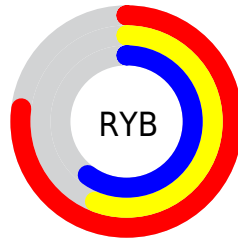
The Yxy color **33.6806, 0.3595, 0.3158** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.8687, 0.2801, 0.3428**, and the grayscale version is **35.1556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3201, 0.3501, 0.3188**, and **14.2763, 0.3749, 0.3110** is the 20% darker color. If you saturate the color by 10%, you get **27.8117, 0.3846, 0.3107**, and if you desaturate by 10%, it is **40.6508, 0.3390, 0.3209**.

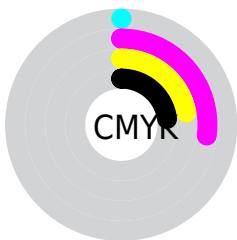
Distribution



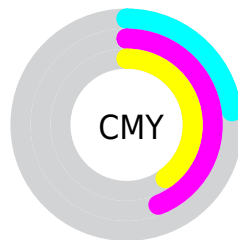
- Red (77%)
- Green (56%)
- Blue (60%)



- Red (77%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (27%)
- Yellow (22%)
- Black (23%)





- Cyan (23%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.6806, 0.3595, 0.3158 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 33.6806, 0.3595, 0.3158 by changing the saturation by 10% instead.


 33.6806, 0.3595,
0.3158


 33.6806, 0.3595,
0.3158


318.7055, 0.3347,
0.3230

 22.6483, 0.3662,
0.3138


 65.4367, 0.3502,
0.3185

 14.3341, 0.3750,
0.3111


 86.9293, 0.3468,
0.3195

 8.3534, 0.3874,
0.3073


112.6774, 0.3439,
0.3203

 4.3219, 0.4058,
0.3015

143.0655, 0.3415,
0.3210

 1.8552, 0.4359,
0.2916

178.4780, 0.3395,
0.3216

 0.5212, 0.5336,
0.2687

219.2992, 0.3377,

 0.0000, 0.0000,

0.3221

0.0000

265.9136, 0.3361,
0.3226

■ 33.6806, 0.3595,
0.3158

■ 33.6806, 0.3595,
0.3158

■ 27.8117, 0.3846,
0.3107

■ 40.6508, 0.3390,
0.3209

■ 22.9832, 0.4149,
0.3060

■ 48.7697, 0.3225,
0.3258

■ 19.1353, 0.4505,
0.3023

■ 58.0878, 0.3090,
0.3303

■ 16.2003, 0.4905,
0.3003

■ 68.6512, 0.2982,
0.3345

■ 14.1021, 0.5322,
0.3011

■ 80.5034, 0.2893,
0.3383

■ 12.7516, 0.5714,
0.3051

■ 90.0582, 0.2817,
0.3359

■ 12.0287, 0.6031,
0.3121

■ 90.4773, 0.2784,
0.3289

■ 11.8715, 0.6111,
0.3140

Harmonies

Analogous

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



33.6806, 0.3282, 0.2920



33.6806, 0.3595, 0.3158



33.6806, 0.3780, 0.3436

Triad

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



33.6806, 0.3595, 0.3158



33.6806, 0.3288, 0.3880



33.6806, 0.2513, 0.2848

Complementary

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



33.6806, 0.3595, 0.3158



48.8687, 0.2801, 0.3428

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.



33.6806, 0.2516, 0.3086



33.6806, 0.3595, 0.3158



33.6806, 0.2951, 0.3708

Square

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



33.6806, 0.3595, 0.3158



33.6806, 0.3592, 0.3867



33.6806, 0.2672, 0.3406



33.6806, 0.2664, 0.2740

Rectangle

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



33.6806, 0.3595, 0.3158



33.6806, 0.3800, 0.3616



33.6806, 0.2672, 0.3406



33.6806, 0.2497, 0.2914

Sweetspot

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



33.6822, 0.3595, 0.3158



86.6480, 0.3241, 0.3253



33.9952, 0.3055, 0.2603



18.0432, 0.3264, 0.3245



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.



33.6822, 0.3595, 0.3158



54.9681, 0.3726, 0.3130



38.4827, 0.3650, 0.3502



10.1083, 0.3260, 0.3247



7.6366, 0.6081, 0.3123



0.3396, 0.5478, 0.2791

Inverse Universe

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



33.6822, 0.3595, 0.3158



54.9681, 0.3726, 0.3130



42.5112, 0.2715, 0.3067



10.1083, 0.3260, 0.3247



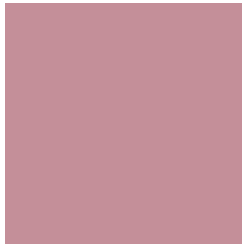
7.6366, 0.6081, 0.3123



0.3396, 0.5478, 0.2791

Previews

White Background



This preview shows how the Yxy color 33.6806, 0.3595, 0.3158 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 33.6806, 0.3595, 0.3158 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 33.6806, 0.3595, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 33.6806, 0.3595, 0.3158.



This preview shows how white text looks on a background with the Yxy color 33.6806, 0.3595, 0.3158.

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

33.6806, 0.3595, 0.3158

Protanopia

33.7211, 0.3111, 0.3216

Deuteranopia

33.8048, 0.3372, 0.3305



Tritanopia

33.7138, 0.3584, 0.3145

Trichromacy



Original Color

33.6806, 0.3595, 0.3158

Protanomaly

33.3725, 0.3274, 0.3190

Deuteranomaly

33.8292, 0.3452, 0.3249

Tritanomaly

33.7138, 0.3584, 0.3145

Monochromacy



Original Color

33.6806, 0.3595, 0.3158

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.4298, 0.3290, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6806, 0.3595, 0.3158 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(196, 143, 153)` looks like.

```
.text, #text, p{  
    color:rgb(196, 143, 153)  
}
```

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(196, 143, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 143, 153) }
```

Border

The CSS property to change the border of an element to Yxy 33.6806, 0.3595, 0.3158 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(196, 143, 153) }
```

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

```
.border{ border-color:rgb(196, 143, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 143, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 143, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 143, 153);  
box-shadow:4px 4px 4px 4px rgb(196, 143,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6806, 0.3595, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 143, 153) }
```

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

```
.background{ background-color: rgb(196,  
143, 153) }
```

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