

Converting Colors

$Y_{xy}(35.6913, 0.3572, 0.3156)$

Have a look what the booklet for
Yxy(35.6913, 0.3572, 0.3156)
contains.

Yxy(35.6154, 0.3573, 0.3148)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.6154, 0.3573, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	C8939E
RGB	200, 147, 158
RGB Percent	78%, 58%, 62%
CMY	0.2157, 0.4235, 0.3803
CMYK	0.00, 0.26, 0.21, 0.22
HSL	348°, 33%, 68%
HSV	348°, 26%, 78%
XYZ	40.4237, 35.6154, 37.0975
YIQ	164.1010, 28.0570, 14.6570

Conversions

Conversions Part 2

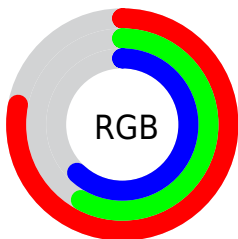
Format	Color
R_{YB}	200, 147, 158
Decimal	13144990
CIE _{Lab}	66.23, 21.59, 2.08
CIE _{LCh}	66, 21.695, 5.501
Yxy	35.6154, 0.3573, 0.3148
Android (android.graphics.Color)	4291335070 (0xFFC8939E)
YUV	164.1010, -3.0078, 31.4834
Hunter-Lab	59.6786, 16.4705, 4.9191

Details

The Yxy color **35.6154, 0.3573, 0.3148** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.1816, 0.2813, 0.3438**, and the grayscale version is **37.1805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8374, 0.3463, 0.3168**, and **15.4470, 0.3712, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **29.4172, 0.3816, 0.3092**, and if you desaturate by 10%, it is **42.9685, 0.3375, 0.3204**.

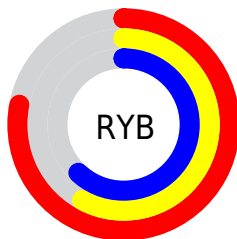
Distribution



Red (78%)

Green (58%)

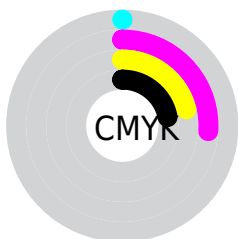
Blue (62%)



Red (78%)

Yellow (58%)

Blue (62%)

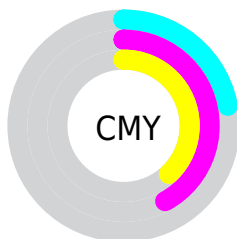


Cyan (0%)

Magenta (26%)

Yellow (21%)

Black (22%)



Cyan (22%)


Magenta (42%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6154, 0.3573, 0.3148 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 35.6154, 0.3573, 0.3148 by changing the saturation by 10% instead.


 35.6154, 0.3573,
0.3148


 35.6154, 0.3573,
0.3148


327.2764, 0.3339,
0.3224

 24.1373, 0.3635,
0.3127


 68.4380, 0.3485,
0.3177

 15.4355, 0.3717,
0.3100


 90.5514, 0.3453,
0.3187

 9.1256, 0.3830,
0.3062


116.9786, 0.3427,
0.3196

 4.8232, 0.3997,
0.3004

148.1040, 0.3404,
0.3203

 2.1439, 0.4266,
0.2909

184.3121, 0.3384,
0.3209

 0.6891, 0.4873,
0.2730

225.9873, 0.3367,

 0.0000, 1.0000,

0.3215

0.0000

273.5139, 0.3352,
0.3220

0.0000, 0.0000,
0.0000

35.6154, 0.3573,
0.3148

35.6154, 0.3573,
0.3148

29.4172, 0.3816,
0.3092

42.9685, 0.3375,
0.3204

24.3102, 0.4109,
0.3039

51.5260, 0.3215,
0.3257

20.2325, 0.4454,
0.2997

61.3405, 0.3085,
0.3307

17.1134, 0.4842,
0.2973

72.4599, 0.2979,
0.3353

14.8736, 0.5252,
0.2977

84.9299, 0.2894,
0.3394

■ 13.4209, 0.5643,
0.3017

■ 90.8952, 0.2815,
0.3309

■ 12.6364, 0.5968,
0.3090

■ 91.0181, 0.2805,
0.3289

■ 12.4421, 0.6066,
0.3115

Harmonies

Analogous

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



35.6154, 0.3262, 0.2917



35.6154, 0.3573, 0.3148



35.6154, 0.3762, 0.3421

Triad

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



35.6154, 0.3573, 0.3148



35.6154, 0.3301, 0.3871



35.6154, 0.2521, 0.2865

Complementary

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



35.6154, 0.3573, 0.3148



51.1816, 0.2813, 0.3438

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.



35.6154, 0.2531, 0.3105



35.6154, 0.3573, 0.3148



35.6154, 0.2970, 0.3711

Square

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



35.6154, 0.3573, 0.3148



35.6154, 0.3596, 0.3851



35.6154, 0.2691, 0.3419



35.6154, 0.2662, 0.2752

Rectangle

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



35.6154, 0.3573, 0.3148



35.6154, 0.3788, 0.3598



35.6154, 0.2691, 0.3419



35.6154, 0.2507, 0.2933

Sweetspot

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



35.6170, 0.3573, 0.3148



86.6703, 0.3238, 0.3249



35.7959, 0.3049, 0.2615



18.0488, 0.3261, 0.3241



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.



35.6170, 0.3573, 0.3148



55.0339, 0.3712, 0.3114



40.2325, 0.3640, 0.3486



10.6724, 0.3257, 0.3242



7.9226, 0.6034, 0.3098



0.3859, 0.5447, 0.2774

Inverse Universe

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



35.6170, 0.3573, 0.3148



55.0339, 0.3712, 0.3114



45.0626, 0.2724, 0.3084



10.6724, 0.3257, 0.3242



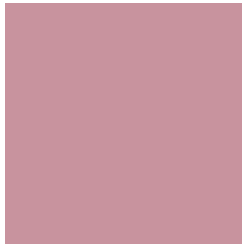
7.9226, 0.6034, 0.3098



0.3859, 0.5447, 0.2774

Previews

White Background



This preview shows how the Yxy color 35.6154, 0.3573, 0.3148 looks on a white background.

Color Contrast Check

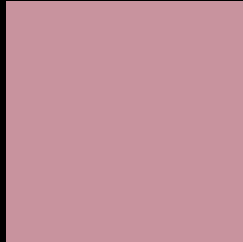
Large Text (above 18pt) WCAG AA × Fail

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 35.6154, 0.3573, 0.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

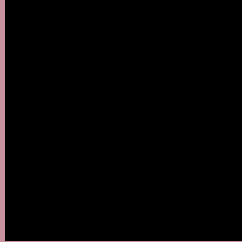
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6154, 0.3573, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 35.6154, 0.3573, 0.3148.



This preview shows how white text looks on a background with the Yxy color 35.6154, 0.3573, 0.3148.

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

35.6154, 0.3573, 0.3148

Protanopia

35.6813, 0.3103, 0.3204

Deuteranopia

35.7609, 0.3357, 0.3291



Tritanopia

35.6154, 0.3573, 0.3148

Trichromacy



Original Color

35.6154, 0.3573, 0.3148

Protanomaly

35.3171, 0.3261, 0.3179

Deuteranomaly

35.7816, 0.3435, 0.3237

Tritanomaly

35.6154, 0.3573, 0.3148

Monochromacy



Original Color

35.6154, 0.3573, 0.3148

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.4095, 0.3277, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6154, 0.3573, 0.3148 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(200, 147, 158)` looks like.

```
.text, #text, p{  
    color:rgb(200, 147, 158)  
}
```

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(200, 147, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 147, 158) }
```

Border

The CSS property to change the border of an element to Yxy 35.6154, 0.3573, 0.3148 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(200, 147, 158) }
```

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

```
.border{ border-color:rgb(200, 147, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 147, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 147, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 147, 158);  
box-shadow:4px 4px 4px 4px rgb(200, 147,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6154, 0.3573, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 147, 158) }
```

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

```
.background{ background-color: rgb(200,  
147, 158) }
```

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