

Converting Colors

$Y_{xy}(35.4529, 0.3581, 0.3155)$

Have a look what the booklet for
Yxy(35.4529, 0.3581, 0.3155)
contains.

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Color

Yxy(35.5811, 0.3584, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	C8939D
RGB	200, 147, 157
RGB Percent	78%, 58%, 62%
CMY	0.2156, 0.4235, 0.3843
CMYK	0.00, 0.27, 0.22, 0.22
HSL	349°, 33%, 68%
HSV	349°, 27%, 78%
XYZ	40.3425, 35.5811, 36.6392
YIQ	163.9870, 28.3780, 14.3460

Conversions

Conversions Part 2

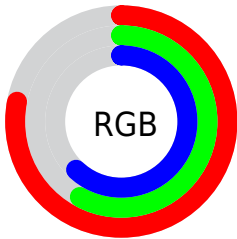
Format	Color
R_{YB}	200, 147, 157
Decimal	13144989
CIE _{Lab}	66.20, 21.46, 2.61
CIE _{LCh}	66, 21.615, 6.940
Yxy	35.5811, 0.3584, 0.3161
Android (android.graphics.Color)	4291335069 (0xFFC8939D)
YUV	163.9870, -3.4446, 31.5834
Hunter-Lab	59.6499, 16.3361, 5.3368

Details

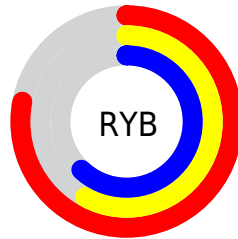
The Yxy color **35.5811, 0.3584, 0.3161** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.2385, 0.2806, 0.3424**, and the grayscale version is **37.1257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7364, 0.3478, 0.3189**, and **15.4261, 0.3727, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **29.3757, 0.3833, 0.3110**, and if you desaturate by 10%, it is **42.9449, 0.3381, 0.3212**.

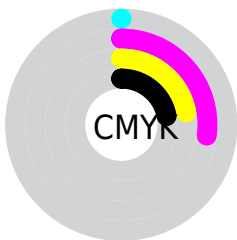
Distribution



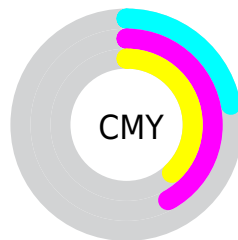
- Red (78%)
- Green (58%)
- Blue (62%)



- Red (78%)
- Yellow (58%)
- Blue (62%)



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





- Cyan (22%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5811, 0.3584, 0.3161 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 35.5811, 0.3584, 0.3161 by changing the saturation by 10% instead.


 35.5811, 0.3584,
0.3161


 35.5811, 0.3584,
0.3161


327.1259, 0.3344,
0.3230

 24.1108, 0.3648,
0.3142


 68.3850, 0.3494,
0.3187

 15.4159, 0.3732,
0.3117


 90.4875, 0.3461,
0.3197

 9.1118, 0.3848,
0.3081


116.9028, 0.3434,
0.3205

 4.8142, 0.4020,
0.3027

148.0153, 0.3410,
0.3212

 2.1386, 0.4296,
0.2937

184.2095, 0.3390,
0.3217

 0.6862, 0.4942,
0.2775

225.8697, 0.3373,

 0.0000, 1.0000,

0.3222

0.0000

273.3804, 0.3358,
0.3227

0.0000, 0.0000,
0.0000

35.5811, 0.3584,
0.3161

35.5811, 0.3584,
0.3161

29.3757, 0.3833,
0.3110

42.9449, 0.3381,
0.3212

24.2649, 0.4134,
0.3063

51.5169, 0.3217,
0.3260

20.1863, 0.4489,
0.3025

61.3498, 0.3084,
0.3305

17.0692, 0.4887,
0.3005

72.4919, 0.2976,
0.3347

14.8338, 0.5305,
0.3011

84.9888, 0.2889,
0.3385

■ 13.3875, 0.5700,
0.3050

■ 90.9815, 0.2808,
0.3296

■ 12.6109, 0.6021,
0.3119

■ 91.0220, 0.2805,
0.3289

■ 12.4202, 0.6115,
0.3142

Harmonies

Analogous

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



35.5811, 0.3278, 0.2928



35.5811, 0.3584, 0.3161



35.5811, 0.3765, 0.3434

Triad

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



35.5811, 0.3584, 0.3161



35.5811, 0.3285, 0.3866



35.5811, 0.2527, 0.2858

Complementary

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



35.5811, 0.3584, 0.3161



51.2385, 0.2806, 0.3424

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.



35.5811, 0.2529, 0.3092



35.5811, 0.3584, 0.3161



35.5811, 0.2955, 0.3698

Square

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



35.5811, 0.3584, 0.3161



35.5811, 0.3582, 0.3854



35.5811, 0.2682, 0.3403



35.5811, 0.2674, 0.2752

Rectangle

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



35.5811, 0.3584, 0.3161



35.5811, 0.3784, 0.3609



35.5811, 0.2682, 0.3403



35.5811, 0.2510, 0.2923

Sweetspot

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



35.5827, 0.3584, 0.3161



86.6473, 0.3241, 0.3253



35.9094, 0.3057, 0.2617



18.0431, 0.3265, 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.



35.5827, 0.3584, 0.3161



54.9660, 0.3726, 0.3131



40.5486, 0.3638, 0.3498



10.6691, 0.3260, 0.3247



7.9055, 0.6085, 0.3126



0.3845, 0.5519, 0.2814

Inverse Universe

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



35.5827, 0.3584, 0.3161



54.9660, 0.3726, 0.3131



44.7015, 0.2723, 0.3072



10.6691, 0.3260, 0.3247



7.9055, 0.6085, 0.3126



0.3845, 0.5519, 0.2814

Previews

White Background



This preview shows how the Yxy color 35.5811, 0.3584, 0.3161 looks on a white background.

Color Contrast Check

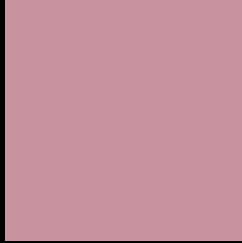
Large Text (above 18pt) WCAG AA × Fail

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 35.5811, 0.3584, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

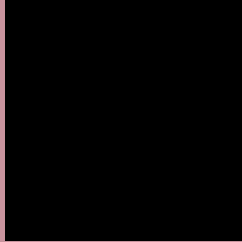
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5811, 0.3584, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 35.5811, 0.3584, 0.3161.



This preview shows how white text looks on a background with the Yxy color 35.5811, 0.3584, 0.3161.

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

35.5811, 0.3584, 0.3161

Protanopia

35.6448, 0.3111, 0.3218

Deuteranopia

35.7272, 0.3366, 0.3305



Tritanopia

35.6154, 0.3573, 0.3148

Trichromacy



Original Color

35.5811, 0.3584, 0.3161

Protanomaly

35.2814, 0.3271, 0.3192

Deuteranomaly

35.7476, 0.3444, 0.3250

Tritanomaly

35.6154, 0.3573, 0.3148

Monochromacy



Original Color

35.5811, 0.3584, 0.3161

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.3740, 0.3286, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5811, 0.3584, 0.3161 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(200, 147, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 147, 157) }
```

Border

The CSS property to change the border of an element to Yxy 35.5811, 0.3584, 0.3161 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, 157) }
```

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

```
.border{ border-color:rgb(200, 147, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 147, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 147, 157);  
box-shadow:4px 4px 4px 4px rgb(200, 147,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5811, 0.3584, 0.3161 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, 157) }
```

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

```
.background{ background-color: rgb(200,  
147, 157) }
```

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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