

Converting Colors

$Yxy(35.5599, 0.3477, 0.3094)$

Have a look what the booklet for
Yxy(35.5599, 0.3477, 0.3094)
contains.

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Color

Yxy(35.5599, 0.3477, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	C494A3
RGB	196, 148, 163
RGB Percent	77%, 58%, 64%
CMY	0.2315, 0.4196, 0.3608
CMYK	0.00, 0.24, 0.17, 0.23
HSL	341°, 29%, 67%
HSV	341°, 24%, 77%
XYZ	39.9618, 35.5599, 39.4101
YIQ	164.0620, 23.7930, 14.8410

Conversions

Conversions Part 2

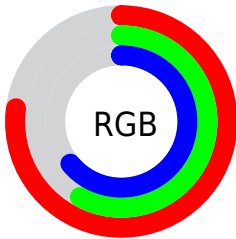
Format	Color
R _Y B	196, 148, 163
Decimal	12883107
CIE Lab	66.18, 20.34, -0.84
CIE LCh	66, 20.358, 357.640
Yxy	35.5599, 0.3477, 0.3094
Android (android.graphics.Color)	4291073187 (0xFFC494A3)
YUV	164.0620, -0.5236, 28.0096
Hunter-Lab	59.6321, 15.2635, 2.5585

Details

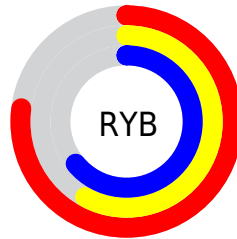
The Yxy color **35.5599, 0.3477, 0.3094** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.1030, 0.2868, 0.3496**, and the grayscale version is **37.1499, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1857, 0.3407, 0.3127**, and **15.4479, 0.3602, 0.3041** is the 20% darker color. If you saturate the color by 10%, you get **29.4669, 0.3677, 0.3009**, and if you desaturate by 10%, it is **42.7485, 0.3313, 0.3177**.

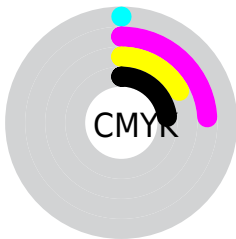
Distribution



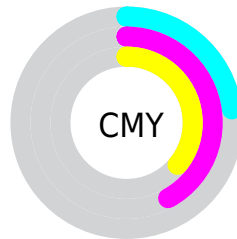
- Red (77%)
- Green (58%)
- Blue (64%)



- Red (77%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (17%)
- Black (23%)





- Cyan (23%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5599, 0.3477, 0.3094 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 35.5599, 0.3477, 0.3094 by changing the saturation by 10% instead.


 35.5599, 0.3477,
0.3094


 35.5599, 0.3477,
0.3094


327.0328, 0.3294,
0.3196

 24.0945, 0.3525,
0.3067


 68.3522, 0.3409,
0.3132

 15.4037, 0.3589,
0.3032


 90.4480, 0.3384,
0.3146

 9.1032, 0.3677,
0.2983


116.8559, 0.3363,
0.3158

 4.8086, 0.3805,
0.2913

147.9605, 0.3345,
0.3168

 2.1354, 0.4012,
0.2800

184.1461, 0.3330,
0.3176

 0.6844, 0.4434,
0.2560

225.7970, 0.3316,

 0.0000, 1.0000,

0.3184

0.0000

273.2978, 0.3305,
0.3190

0.0000, 0.0000,
0.0000

35.5599, 0.3477,
0.3094

35.5599, 0.3477,
0.3094

29.4669, 0.3677,
0.3009

42.7485, 0.3313,
0.3177

24.4107, 0.3917,
0.2928

51.0780, 0.3179,
0.3256

20.3341, 0.4200,
0.2856

60.5971, 0.3069,
0.3330

17.1727, 0.4523,
0.2805

71.3504, 0.2980,
0.3398

14.8542, 0.4875,
0.2785

83.3800, 0.2907,
0.3460

■ 13.2950, 0.5231,
0.2809

■ 89.7748, 0.2840,
0.3408

■ 12.3943, 0.5562,
0.2879

■ 90.4729, 0.2784,
0.3289

■ 12.0726, 0.5728,
0.2929

Harmonies

Analogous

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



35.5599, 0.3171, 0.2894



35.5599, 0.3477, 0.3094



35.5599, 0.3691, 0.3346

Triad

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



35.5599, 0.3477, 0.3094



35.5599, 0.3371, 0.3846



35.5599, 0.2545, 0.2941

Complementary

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



35.5599, 0.3477, 0.3094



49.1030, 0.2868, 0.3496

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.



35.5599, 0.2593, 0.3191



35.5599, 0.3477, 0.3094



35.5599, 0.3060, 0.3738

Square

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



35.5599, 0.3477, 0.3094



35.5599, 0.3624, 0.3786



35.5599, 0.2778, 0.3490



35.5599, 0.2642, 0.2800

Rectangle

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



35.5599, 0.3477, 0.3094



35.5599, 0.3747, 0.3518



35.5599, 0.2778, 0.3490



35.5599, 0.2545, 0.3014

Sweetspot

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



35.5615, 0.3477, 0.3094



88.3700, 0.3212, 0.3236



34.9670, 0.3011, 0.2661



18.7111, 0.3219, 0.3231



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.



35.5615, 0.3477, 0.3094



58.6956, 0.3572, 0.3052



37.9202, 0.3606, 0.3408



10.1286, 0.3241, 0.3218



7.7729, 0.5691, 0.2909



0.3485, 0.5043, 0.2552

Inverse Universe

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



35.5615, 0.3477, 0.3094



58.6956, 0.3572, 0.3052



45.9009, 0.2761, 0.3169



10.1286, 0.3241, 0.3218



7.7729, 0.5691, 0.2909



0.3485, 0.5043, 0.2552

Previews

White Background



This preview shows how the Yxy color 35.5599, 0.3477, 0.3094 looks on a white background.

Color Contrast Check

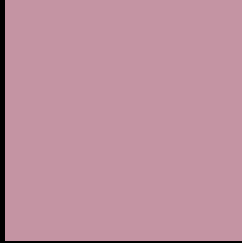
Large Text (above 18pt) WCAG AA × Fail

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 35.5599, 0.3477, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

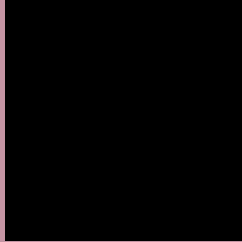
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5599, 0.3477, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 35.5599, 0.3477, 0.3094.



This preview shows how white text looks on a background with the Yxy color 35.5599, 0.3477, 0.3094.

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

35.5599, 0.3477, 0.3094

Protanopia

35.6210, 0.3049, 0.3146

Deuteranopia

35.6157, 0.3269, 0.3207



Tritanopia

35.7687, 0.3506, 0.3146

Trichromacy



Original Color

35.5599, 0.3477, 0.3094

Protanomaly

35.5656, 0.3203, 0.3136

Deuteranomaly

35.4584, 0.3344, 0.3167

Tritanomaly

35.8039, 0.3496, 0.3133

Monochromacy



Original Color

35.5599, 0.3477, 0.3094

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.3642, 0.3248, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5599, 0.3477, 0.3094 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, 148, 163)` looks like.

```
.text, #text, p{  
    color:rgb(196, 148, 163)  
}
```

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, 148, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 148, 163) }
```

Border

The CSS property to change the border of an element to Yxy 35.5599, 0.3477, 0.3094 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, 148, 163) }
```

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

```
.border{ border-color:rgb(196, 148, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 148, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 148, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 148, 163);  
box-shadow:4px 4px 4px 4px rgb(196, 148,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5599, 0.3477, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 148, 163) }
```

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

```
.background{ background-color: rgb(196,  
148, 163) }
```

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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