

Converting Colors

$Yxy(35.5799, 0.3426, 0.3013)$

Have a look what the booklet for
Yxy(35.5799, 0.3426, 0.3013)
contains.

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Color

Yxy(35.4678, 0.3418, 0.3004)

Conversions

Conversions Part 1

Format	Color
Hex	C493A9
RGB	196, 147, 169
RGB Percent	77%, 58%, 66%
CMY	0.2314, 0.4235, 0.3373
CMYK	0.00, 0.25, 0.14, 0.23
HSL	333°, 29%, 67%
HSV	333°, 25%, 77%
XYZ	40.3558, 35.4678, 42.2449
YIQ	164.1590, 22.1420, 17.2300

Conversions

Conversions Part 2

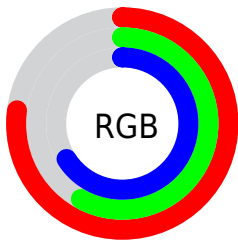
Format	Color
R _Y B	196, 147, 169
Decimal	12882857
CIE Lab	66.11, 21.87, -4.30
CIE LCh	66, 22.293, 348.880
Yxy	35.4678, 0.3418, 0.3004
Android (android.graphics.Color)	4291072937 (0xFFC493A9)
YUV	164.1590, 2.3866, 27.9246
Hunter-Lab	59.5548, 16.7350, -0.3687

Details

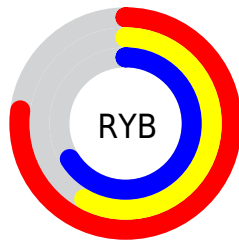
The Yxy color **35.4678, 0.3418, 0.3004** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.7349, 0.2908, 0.3596**, and the grayscale version is **37.1847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0378, 0.3363, 0.3057**, and **15.4009, 0.3515, 0.2918** is the 20% darker color. If you saturate the color by 10%, you get **29.4946, 0.3578, 0.2884**, and if you desaturate by 10%, it is **42.5161, 0.3285, 0.3123**.

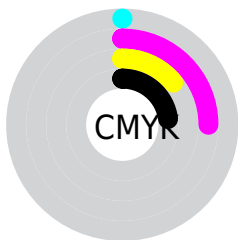
Distribution



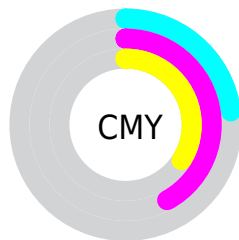
- Red (77%)
- Green (58%)
- Blue (66%)



- Red (77%)
- Yellow (58%)
- Blue (66%)



- Cyan (0%)
- Magenta (25%)
- Yellow (14%)
- Black (23%)




- Cyan (23%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4678, 0.3418, 0.3004 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 35.4678, 0.3418, 0.3004 by changing the saturation by 10% instead.


 35.4678, 0.3418,
0.3004


 35.4678, 0.3418,
0.3004


326.6284, 0.3267,
0.3151

 24.0234, 0.3457,
0.2966


 68.2098, 0.3362,
0.3058

 15.3510, 0.3509,
0.2917


 90.2763, 0.3341,
0.3078

 9.0661, 0.3580,
0.2850


116.6523, 0.3324,
0.3095

 4.7843, 0.3683,
0.2754

147.7221, 0.3309,
0.3110

 2.1213, 0.3845,
0.2605

183.8703, 0.3297,
0.3122

 0.6766, 0.4163,
0.2302

225.4811, 0.3286,


 0.0000, 1.0000,


0.3133

0.0000


272.9390, 0.3276,
0.3142

 0.0000, 0.0000,
0.0000


 35.4678, 0.3418,
0.3004


 35.4678, 0.3418,
0.3004


 29.4946, 0.3578,
0.2884


 42.5161, 0.3285,
0.3123

 24.5384, 0.3767,
0.2767


 50.6844, 0.3175,
0.3236


 20.5426, 0.3987,
0.2663

 60.0209, 0.3084,
0.3342

 17.4434, 0.4235,
0.2581

 70.5694, 0.3009,
0.3441

 15.1687, 0.4505,
0.2535

 82.3716, 0.2947,
0.3532

■ 13.6357, 0.4783,
0.2536

■ 89.1845, 0.2892,
0.3517

■ 12.7433, 0.5054,
0.2591

■ 89.8242, 0.2836,
0.3399

■ 12.4371, 0.5186,
0.2631

■ 90.4740, 0.2784,
0.3289

Harmonies

Analogous

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



35.4678, 0.3072, 0.2812



35.4678, 0.3418, 0.3004



35.4678, 0.3693, 0.3266

Triad

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



35.4678, 0.3418, 0.3004



35.4678, 0.3484, 0.3899



35.4678, 0.2491, 0.2975

Complementary

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



35.4678, 0.3418, 0.3004



48.7349, 0.2908, 0.3596

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.



35.4678, 0.2588, 0.3274



35.4678, 0.3418, 0.3004



35.4678, 0.3152, 0.3837

Square

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



35.4678, 0.3418, 0.3004



35.4678, 0.3728, 0.3783



35.4678, 0.2826, 0.3600



35.4678, 0.2551, 0.2784

Rectangle

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



35.4678, 0.3418, 0.3004



35.4678, 0.3791, 0.3455



35.4678, 0.2826, 0.3600



35.4678, 0.2506, 0.3066

Sweetspot

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



35.4694, 0.3418, 0.3004



88.5174, 0.3196, 0.3212



33.8493, 0.2946, 0.2635



18.7452, 0.3203, 0.3206



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.



35.4694, 0.3418, 0.3004



58.0948, 0.3502, 0.2938



35.4824, 0.3640, 0.3324



10.1513, 0.3220, 0.3187



8.0094, 0.5153, 0.2612



0.3599, 0.4610, 0.2313

Inverse Universe

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



35.4694, 0.3418, 0.3004



58.0948, 0.3502, 0.2938



48.5674, 0.2761, 0.3256



10.1513, 0.3220, 0.3187



8.0094, 0.5153, 0.2612



0.3599, 0.4610, 0.2313

Previews

White Background



This preview shows how the Yxy color 35.4678, 0.3418, 0.3004 looks on a white background.

Color Contrast Check

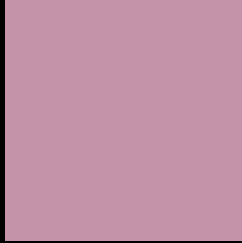
Large Text (above 18pt) WCAG AA × Fail

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 35.4678, 0.3418, 0.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

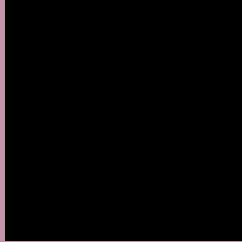
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4678, 0.3418, 0.3004

Background



This preview shows how black text looks on a background with the Yxy color 35.4678, 0.3418, 0.3004.



This preview shows how white text looks on a background with the Yxy color 35.4678, 0.3418, 0.3004.

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

35.4678, 0.3418, 0.3004

Protanopia

35.6869, 0.2971, 0.3047

Deuteranopia

35.5656, 0.3203, 0.3136



Tritanopia

35.6351, 0.3496, 0.3146

Trichromacy



Original Color

35.4678, 0.3418, 0.3004

Protanomaly

35.2693, 0.3120, 0.3025

Deuteranomaly

35.5547, 0.3276, 0.3086

Tritanomaly

35.4263, 0.3467, 0.3093

Monochromacy



Original Color

35.4678, 0.3418, 0.3004

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.4370, 0.3230, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4678, 0.3418, 0.3004 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, 147, 169)` looks like.

```
.text, #text, p{  
    color:rgb(196, 147, 169)  
}
```

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, 147, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 147, 169) }
```

Border

The CSS property to change the border of an element to Yxy 35.4678, 0.3418, 0.3004 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, 147, 169) }
```

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

```
.border{ border-color:rgb(196, 147, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 147, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 147, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 147, 169);  
box-shadow:4px 4px 4px 4px rgb(196, 147,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4678, 0.3418, 0.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 147, 169) }
```

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

```
.background{ background-color: rgb(196,  
147, 169) }
```

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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