

Converting Colors

$Yxy(35.4854, 0.3452, 0.3046)$

Have a look what the booklet for
Yxy(35.4854, 0.3452, 0.3046)
contains.

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Color

Yxy(35.3564, 0.3449, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	C493A6
RGB	196, 147, 166
RGB Percent	77%, 58%, 65%
CMY	0.2313, 0.4236, 0.3490
CMYK	0.00, 0.25, 0.15, 0.23
HSL	337°, 29%, 67%
HSV	337°, 25%, 77%
XYZ	40.0869, 35.3564, 40.7842
YIQ	163.8170, 23.1050, 16.2970

Conversions

Conversions Part 2

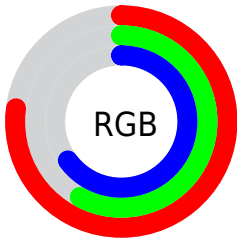
Format	Color
R_{YB}	196, 147, 166
Decimal	12882854
CIE _{Lab}	66.03, 21.41, -2.75
CIE _{LCh}	66, 21.584, 352.688
Yxy	35.3564, 0.3449, 0.3042
Android (android.graphics.Color)	4291072934 (0xFFC493A6)
YUV	163.8170, 1.0762, 28.2245
Hunter-Lab	59.4612, 16.2818, 0.9561

Details

The Yxy color **35.3564, 0.3449, 0.3042** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.8717, 0.2888, 0.3553**, and the grayscale version is **37.0209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8764, 0.3385, 0.3087**, and **15.3314, 0.3560, 0.2970** is the 20% darker color. If you saturate the color by 10%, you get **29.3521, 0.3627, 0.2938**, and if you desaturate by 10%, it is **42.4439, 0.3301, 0.3145**.

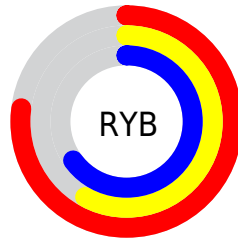
Distribution



Red (77%)

Green (58%)

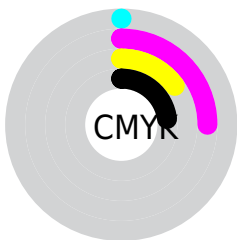
Blue (65%)



Red (77%)

Yellow (58%)

Blue (65%)

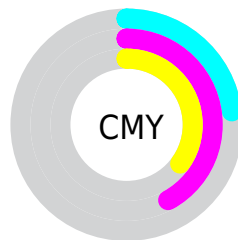


Cyan (0%)

Magenta (25%)

Yellow (15%)

Black (23%)



Cyan (23%)


Magenta (42%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3564, 0.3449, 0.3042 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 35.3564, 0.3449, 0.3042 by changing the saturation by 10% instead.


 35.3564, 0.3449,
0.3042


 35.3564, 0.3449,
0.3042


326.1387, 0.3282,
0.3170

 23.9375, 0.3493,
0.3009


 68.0375, 0.3387,
0.3089

 15.2873, 0.3551,
0.2965


 90.0686, 0.3364,
0.3107

 9.0213, 0.3631,
0.2906


116.4058, 0.3344,
0.3122

 4.7551, 0.3747,
0.2820

147.4336, 0.3328,
0.3134

 2.1043, 0.3933,
0.2685

183.5364, 0.3314,
0.3145

 0.6670, 0.4303,
0.2397

225.0986, 0.3302,

 0.0000, 1.0000,

0.3154

0.0000

272.5046, 0.3291,
0.3163

0.0000, 0.0000,
0.0000

35.3564, 0.3449,
0.3042

35.3564, 0.3449,
0.3042

29.3521, 0.3627,
0.2938

42.4439, 0.3301,
0.3145

24.3724, 0.3840,
0.2837

50.6597, 0.3180,
0.3243

20.3604, 0.4089,
0.2747

60.0523, 0.3080,
0.3335

17.2518, 0.4372,
0.2680

70.6659, 0.2998,
0.3420

14.9743, 0.4680,
0.2647

82.5424, 0.2931,
0.3498

■ 13.4443, 0.4995,
0.2661

■ 89.4352, 0.2871,
0.3471

■ 12.5603, 0.5296,
0.2726

■ 90.1650, 0.2809,
0.3341

■ 12.2611, 0.5439,
0.2770

■ 90.4799, 0.2784,
0.3289

Harmonies

Analogous

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



35.3564, 0.3117, 0.2844



35.3564, 0.3449, 0.3042



35.3564, 0.3700, 0.3303

Triad

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



35.3564, 0.3449, 0.3042



35.3564, 0.3436, 0.3883



35.3564, 0.2508, 0.2955

Complementary

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



35.3564, 0.3449, 0.3042



48.8717, 0.2888, 0.3553

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.



35.3564, 0.2584, 0.3235



35.3564, 0.3449, 0.3042



35.3564, 0.3110, 0.3799

Square

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



35.3564, 0.3449, 0.3042



35.3564, 0.3687, 0.3790



35.3564, 0.2800, 0.3553



35.3564, 0.2586, 0.2785

Rectangle

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



35.3564, 0.3449, 0.3042



35.3564, 0.3779, 0.3486



35.3564, 0.2800, 0.3553



35.3564, 0.2516, 0.3038

Sweetspot

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



35.3580, 0.3449, 0.3042



86.8890, 0.3215, 0.3213



34.1307, 0.2969, 0.2639



18.1036, 0.3233, 0.3198



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.



35.3580, 0.3449, 0.3042



57.8611, 0.3542, 0.2985



36.2692, 0.3633, 0.3357



10.1411, 0.3230, 0.3201



7.8913, 0.5403, 0.2750



0.3545, 0.4803, 0.2420

Inverse Universe

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



35.3580, 0.3449, 0.3042



57.8611, 0.3542, 0.2985



47.5063, 0.2758, 0.3222



10.1411, 0.3230, 0.3201



7.8913, 0.5403, 0.2750



0.3545, 0.4803, 0.2420

Previews

White Background



This preview shows how the Yxy color 35.3564, 0.3449, 0.3042 looks on a white background.

Color Contrast Check

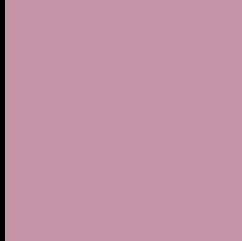
Large Text (above 18pt) WCAG AA × Fail

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 35.3564, 0.3449, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

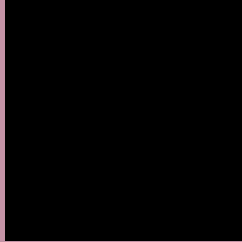
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3564, 0.3449, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 35.3564, 0.3449, 0.3042.



This preview shows how white text looks on a background with the Yxy color 35.3564, 0.3449, 0.3042.

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

35.3564, 0.3449, 0.3042

Protanopia

35.6712, 0.3006, 0.3089

Deuteranopia

35.5712, 0.3241, 0.3178



Tritanopia

35.2851, 0.3508, 0.3146

Trichromacy



Original Color

35.3564, 0.3449, 0.3042

Protanomaly

35.2672, 0.3157, 0.3067

Deuteranomaly

35.5664, 0.3315, 0.3127

Tritanomaly

35.3905, 0.3477, 0.3106

Monochromacy



Original Color

35.3564, 0.3449, 0.3042

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.4004, 0.3239, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3564, 0.3449, 0.3042 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(196, 147, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 147, 166) }
```

Border

The CSS property to change the border of an element to Yxy 35.3564, 0.3449, 0.3042 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, 166) }
```

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

```
.border{ border-color:rgb(196, 147, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 147, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 147, 166);  
box-shadow:4px 4px 4px 4px rgb(196, 147,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3564, 0.3449, 0.3042 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, 166) }
```

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

```
.background{ background-color: rgb(196,  
147, 166) }
```

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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