

Converting Colors

$Y_{xy}(34.3793, 0.3565, 0.3186)$

Have a look what the booklet for
Yxy(34.3793, 0.3565, 0.3186)
contains.

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Color

Yxy(34.4930, 0.3566, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	C3929A
RGB	195, 146, 154
RGB Percent	76%, 57%, 60%
CMY	0.2352, 0.4275, 0.3961
CMYK	0.00, 0.25, 0.21, 0.24
HSL	350°, 29%, 67%
HSV	350°, 25%, 76%
XYZ	38.6192, 34.4930, 35.1861
YIQ	161.5630, 26.6360, 12.8760

Conversions

Conversions Part 2

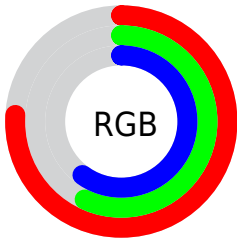
Format	Color
R_{YB}	195, 146, 154
Decimal	12817050
CIE _{Lab}	65.35, 19.68, 3.02
CIE _{LCh}	65, 19.907, 8.714
Yxy	34.4930, 0.3566, 0.3185
Android (android.graphics.Color)	4291007130 (0xFFC3929A)
YUV	161.5630, -3.7286, 29.3242
Hunter-Lab	58.7307, 14.5962, 5.5904

Details

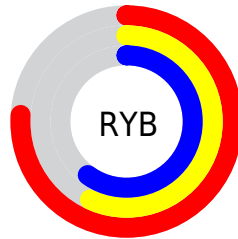
The Yxy color **34.4930, 0.3566, 0.3185** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.7379, 0.2814, 0.3399**, and the grayscale version is **35.9256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5581, 0.3479, 0.3208**, and **14.7391, 0.3704, 0.3146** is the 20% darker color. If you saturate the color by 10%, you get **28.4788, 0.3816, 0.3141**, and if you desaturate by 10%, it is **41.6099, 0.3363, 0.3229**.

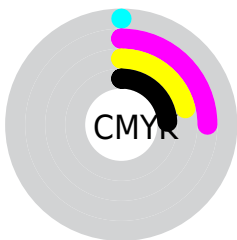
Distribution



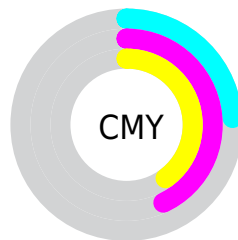
- Red (76%)
- Green (57%)
- Blue (60%)



- Red (76%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (21%)
- Black (24%)





- Cyan (24%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4930, 0.3566, 0.3185 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 34.4930, 0.3566, 0.3185 by changing the saturation by 10% instead.


 34.4930, 0.3566,
0.3185


 34.4930, 0.3566,
0.3185


322.3248, 0.3335,
0.3242

 23.2726, 0.3628,
0.3169


 66.6996, 0.3479,
0.3207

 14.7949, 0.3710,
0.3147


 88.4546, 0.3447,
0.3215

 8.6756, 0.3825,
0.3117


114.4899, 0.3421,
0.3221

 4.5302, 0.3994,
0.3070

145.1898, 0.3398,
0.3227

 1.9743, 0.4271,
0.2989

180.9389, 0.3379,
0.3232

 0.5925, 0.5080,
0.2839


222.1215, 0.3362,


 0.0000, 0.0000,


0.3236


0.0000

269.1220, 0.3347,
0.3239


 34.4930, 0.3566,
0.3185


 34.4930, 0.3566,
0.3185

 28.4788, 0.3816,
0.3141


 41.6099, 0.3363,
0.3229


 23.5076, 0.4119,
0.3100


 49.8758, 0.3199,
0.3270


 19.5212, 0.4478,
0.3066

 59.3404, 0.3066,
0.3308

 16.4536, 0.4884,
0.3048

 70.0487, 0.2959,
0.3343

 14.2312, 0.5311,
0.3052

 82.0437, 0.2872,
0.3375

■ 12.7683, 0.5717,
0.3085

■ 90.1486, 0.2794,
0.3321

■ 11.9615, 0.6045,
0.3145

■ 90.3443, 0.2778,
0.3289

■ 11.7073, 0.6173,
0.3174

Harmonies

Analogous

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



34.4930, 0.3287, 0.2963



34.4930, 0.3566, 0.3185



34.4930, 0.3724, 0.3441

Triad

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



34.4930, 0.3566, 0.3185



34.4930, 0.3257, 0.3819



34.4930, 0.2571, 0.2879

Complementary

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



34.4930, 0.3566, 0.3185



48.7379, 0.2814, 0.3399

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.



34.4930, 0.2565, 0.3091



34.4930, 0.3566, 0.3185



34.4930, 0.2951, 0.3654

Square

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



34.4930, 0.3566, 0.3185



34.4930, 0.3538, 0.3820



34.4930, 0.2700, 0.3379



34.4930, 0.2717, 0.2786

Rectangle

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



34.4930, 0.3566, 0.3185



34.4930, 0.3736, 0.3603



34.4930, 0.2700, 0.3379



34.4930, 0.2553, 0.2938

Sweetspot

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



34.4946, 0.3566, 0.3185



84.6655, 0.3244, 0.3258



35.0442, 0.3077, 0.2657



18.0353, 0.3269, 0.3252



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.



34.4946, 0.3566, 0.3185



55.7876, 0.3693, 0.3162



39.6398, 0.3599, 0.3507



10.1041, 0.3264, 0.3253



7.6161, 0.6146, 0.3159



0.3376, 0.5585, 0.2850

Inverse Universe

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



34.4946, 0.3566, 0.3185



55.7876, 0.3693, 0.3162



42.1630, 0.2742, 0.3062



10.1041, 0.3264, 0.3253



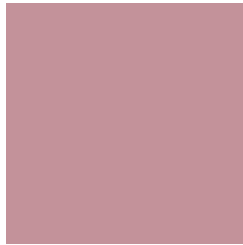
7.6161, 0.6146, 0.3159



0.3376, 0.5585, 0.2850

Previews

White Background



This preview shows how the Yxy color 34.4930, 0.3566, 0.3185 looks on a white background.

Color Contrast Check

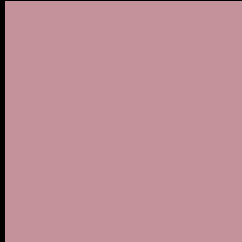
Large Text (above 18pt) WCAG AA × Fail

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 34.4930, 0.3566, 0.3185 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 34.4930, 0.3566, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 34.4930, 0.3566, 0.3185.



This preview shows how white text looks on a background with the Yxy color 34.4930, 0.3566, 0.3185.

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

34.4930, 0.3566, 0.3185

Protanopia

34.6040, 0.3129, 0.3246

Deuteranopia

34.7582, 0.3369, 0.3305



Tritanopia

34.5942, 0.3534, 0.3145

Trichromacy



Original Color

34.4930, 0.3566, 0.3185

Protanomaly

34.4641, 0.3280, 0.3234

Deuteranomaly

34.6235, 0.3448, 0.3263

Tritanomaly

34.5602, 0.3544, 0.3158

Monochromacy



Original Color

34.4930, 0.3566, 0.3185

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.2788, 0.3278, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4930, 0.3566, 0.3185 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(195, 146, 154)` looks like.

```
.text, #text, p{  
    color:rgb(195, 146, 154)  
}
```

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(195, 146, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 146, 154) }
```

Border

The CSS property to change the border of an element to Yxy 34.4930, 0.3566, 0.3185 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(195, 146, 154) }
```

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

```
.border{ border-color:rgb(195, 146, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 146, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 146, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 146, 154);  
box-shadow:4px 4px 4px 4px rgb(195, 146,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4930, 0.3566, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 146, 154) }
```

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

```
.background{ background-color: rgb(195,  
146, 154) }
```

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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