

Converting Colors

$Y_{xy}(35.2795, 0.3548, 0.3186)$

Have a look what the booklet for
Yxy(35.2795, 0.3548, 0.3186)
contains.

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Color

Yxy(35.3159, 0.3550, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	C4949C
RGB	196, 148, 156
RGB Percent	77%, 58%, 61%
CMY	0.2312, 0.4197, 0.3882
CMYK	0.00, 0.25, 0.20, 0.23
HSL	350°, 29%, 67%
HSV	350°, 25%, 77%
XYZ	39.3631, 35.3159, 36.2030
YIQ	163.2640, 26.0400, 12.6640

Conversions

Conversions Part 2

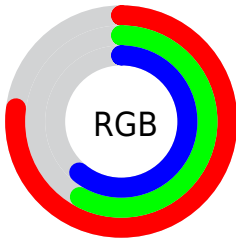
Format	Color
R _Y B	196, 148, 156
Decimal	12883100
CIE Lab	65.99, 19.27, 2.81
CIE LCh	66, 19.477, 8.304
Yxy	35.3159, 0.3550, 0.3185
Android (android.graphics.Color)	4291073180 (0xFFC4949C)
YUV	163.2640, -3.5812, 28.7095
Hunter-Lab	59.4272, 14.2364, 5.4796

Details

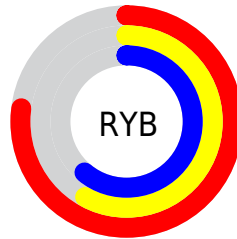
The Yxy color **35.3159, 0.3550, 0.3185** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.4203, 0.2822, 0.3399**, and the grayscale version is **36.7672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7768, 0.3468, 0.3209**, and **15.2320, 0.3679, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **29.1638, 0.3796, 0.3140**, and if you desaturate by 10%, it is **42.5870, 0.3350, 0.3230**.

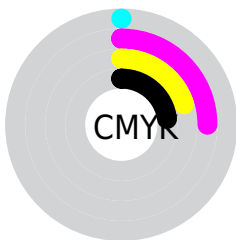
Distribution



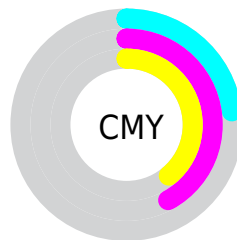
- Red (77%)
- Green (58%)
- Blue (61%)



- Red (77%)
- Yellow (58%)
- Blue (61%)



- Cyan (0%)
- Magenta (25%)
- Yellow (20%)
- Black (23%)





- Cyan (23%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3159, 0.3550, 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 35.3159, 0.3550, 0.3185 by changing the saturation by 10% instead.


 35.3159, 0.3550,
0.3185


 35.3159, 0.3550,
0.3185


325.9605, 0.3328,
0.3242

 23.9063, 0.3609,
0.3169

 67.9749, 0.3467,
0.3207

 15.2641, 0.3688,
0.3148


 89.9930, 0.3436,
0.3215

 9.0050, 0.3796,
0.3118


116.3162, 0.3411,
0.3221

 4.7444, 0.3956,
0.3073

147.3287, 0.3389,
0.3227

 2.0981, 0.4216,
0.2996

183.4150, 0.3371,
0.3231

 0.6636, 0.4869,
0.2862

224.9595, 0.3354,

 0.0000, 1.0000,

0.3235

0.0000

272.3465, 0.3340,
0.3239

0.0000, 0.0000,
0.0000

35.3159, 0.3550,
0.3185

35.3159, 0.3550,
0.3185

29.1638, 0.3796,
0.3140

42.5870, 0.3350,
0.3230

24.0704, 0.4094,
0.3097

51.0238, 0.3189,
0.3272

19.9772, 0.4448,
0.3062

60.6761, 0.3059,
0.3311

16.8180, 0.4849,
0.3041

71.5897, 0.2954,
0.3347

14.5187, 0.5275,
0.3043

83.8076, 0.2868,
0.3380

■ 12.9936, 0.5682,
0.3075

■ 90.4145, 0.2789,
0.3300

■ 12.1394, 0.6018,
0.3135

■ 90.4801, 0.2784,
0.3289

■ 11.8486, 0.6164,
0.3169

Harmonies

Analogous

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



35.3159, 0.3278, 0.2969



35.3159, 0.3550, 0.3185



35.3159, 0.3706, 0.3434

Triad

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



35.3159, 0.3550, 0.3185



35.3159, 0.3258, 0.3804



35.3159, 0.2585, 0.2893

Complementary

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



35.3159, 0.3550, 0.3185



49.4203, 0.2822, 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.



35.3159, 0.2581, 0.3101



35.3159, 0.3550, 0.3185



35.3159, 0.2960, 0.3646

Square

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



35.3159, 0.3550, 0.3185



35.3159, 0.3529, 0.3803



35.3159, 0.2715, 0.3380



35.3159, 0.2726, 0.2800

Rectangle

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



35.3159, 0.3550, 0.3185



35.3159, 0.3719, 0.3591



35.3159, 0.2715, 0.3380



35.3159, 0.2568, 0.2951

Sweetspot

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



35.3175, 0.3550, 0.3185



88.2145, 0.3228, 0.3261



35.7566, 0.3071, 0.2672



18.6751, 0.3237, 0.3259



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.



35.3175, 0.3550, 0.3185



58.1967, 0.3665, 0.3163



40.1444, 0.3588, 0.3491



10.1048, 0.3263, 0.3252



7.6192, 0.6136, 0.3154



0.3380, 0.5567, 0.2841

Inverse Universe

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



35.3175, 0.3550, 0.3185



58.1967, 0.3665, 0.3163



43.2560, 0.2752, 0.3079



10.1048, 0.3263, 0.3252



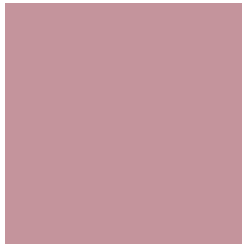
7.6192, 0.6136, 0.3154



0.3380, 0.5567, 0.2841

Previews

White Background



This preview shows how the Yxy color 35.3159, 0.3550, 0.3185 looks on a white background.

Color Contrast Check

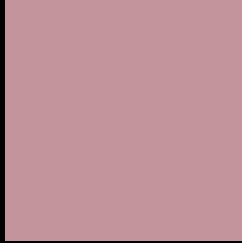
Large Text (above 18pt) WCAG AA × Fail

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 35.3159, 0.3550, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

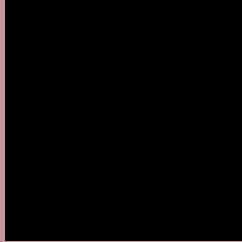
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3159, 0.3550, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 35.3159, 0.3550, 0.3185.



This preview shows how white text looks on a background with the Yxy color 35.3159, 0.3550, 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

35.3159, 0.3550, 0.3185

Protanopia

35.5725, 0.3129, 0.3247

Deuteranopia

35.2742, 0.3358, 0.3291



Tritanopia

35.4188, 0.3519, 0.3146

Trichromacy



Original Color

35.3159, 0.3550, 0.3185

Protanomaly

35.4290, 0.3278, 0.3234

Deuteranomaly

35.1373, 0.3436, 0.3250

Tritanomaly

35.3842, 0.3529, 0.3159

Monochromacy



Original Color

35.3159, 0.3550, 0.3185

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.1057, 0.3276, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3159, 0.3550, 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(196, 148, 156)` looks like.

```
.text, #text, p{  
    color:rgb(196, 148, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 148, 156) }
```

Border

The CSS property to change the border of an element to Yxy 35.3159, 0.3550, 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(196, 148, 156) }
```

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

```
.border{ border-color:rgb(196, 148, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 148, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 148, 156);  
box-shadow:4px 4px 4px 4px rgb(196, 148,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3159, 0.3550, 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(196, 148, 156) }
```

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

```
.background{ background-color: rgb(196,  
148, 156) }
```

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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