

Converting Colors

$Yxy(35.2224, 0.3116, 0.2859)$

Have a look what the booklet for
Yxy(35.2224, 0.3116, 0.2859)
contains.

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Color

Yxy(35.2554, 0.3118, 0.2860)

Conversions

Conversions Part 1

Format	Color
Hex	B497B7
RGB	180, 151, 183
RGB Percent	71%, 59%, 72%
CMY	0.2941, 0.4078, 0.2823
CMYK	0.02, 0.17, 0.00, 0.28
HSL	294°, 18%, 65%
HSV	294°, 17%, 72%
XYZ	38.4358, 35.2554, 49.5794
YIQ	163.3190, 7.0120, 16.1000

Conversions

Conversions Part 2

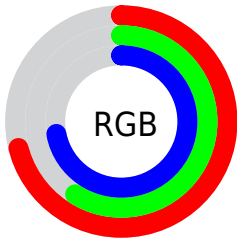
Format	Color
R_{YB}	180, 151, 183
Decimal	11835319
CIE _{Lab}	65.95, 16.53, -12.58
CIE _{LCh}	66, 20.768, 322.723
Yxy	35.2554, 0.3118, 0.2860
Android (android.graphics.Color)	4290025399 (0xFFB497B7)
YUV	163.3190, 9.7027, 14.6292
Hunter-Lab	59.3763, 11.6392, -7.9440

Details

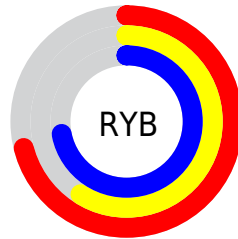
The Yxy color **35.2554, 0.3118, 0.2860** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.9732, 0.3131, 0.3753**, and the grayscale version is **36.7359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7275, 0.3121, 0.2936**, and **15.2381, 0.3112, 0.2735** is the 20% darker color. If you saturate the color by 10%, you get **29.6115, 0.3109, 0.2607**, and if you desaturate by 10%, it is **41.8192, 0.3124, 0.3109**.

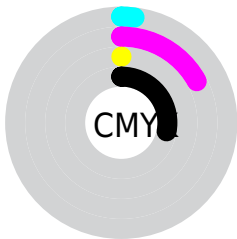
Distribution



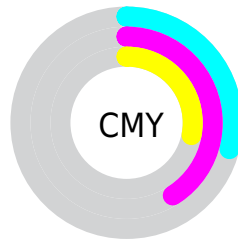
- Red (71%)
- Green (59%)
- Blue (72%)



- Red (71%)
- Yellow (59%)
- Blue (72%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (28%)




- Cyan (29%)
- Magenta (41%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2554, 0.3118, 0.2860 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 35.2554, 0.3118, 0.2860 by changing the saturation by 10% instead.


 35.2554, 0.3118,
0.2860


 35.2554, 0.3118,
0.2860


325.6942, 0.3126,
0.3078

 23.8597, 0.3115,
0.2805


 67.8812, 0.3122,
0.2940

 15.2296, 0.3111,
0.2733


 89.8801, 0.3123,
0.2970

 8.9807, 0.3104,
0.2637


116.1822, 0.3123,
0.2995

 4.7286, 0.3091,
0.2502

147.1719, 0.3124,
0.3016

 2.0889, 0.3067,
0.2297

183.2335, 0.3125,
0.3035

 0.6584, 0.3028,
0.1910

224.7515, 0.3125,

 0.0000, 0.0000,

0.3051

0.0000

272.1103, 0.3125,
0.3065

■ 35.2554, 0.3118,
0.2860

■ 35.2554, 0.3118,
0.2860

■ 29.6115, 0.3109,
0.2607

■ 41.8192, 0.3124,
0.3109

■ 24.8409, 0.3098,
0.2358

■ 49.3377, 0.3128,
0.3349

■ 20.8998, 0.3084,
0.2121

■ 57.8494, 0.3130,
0.3576

■ 17.7387, 0.3067,
0.1908

■ 67.3894, 0.3131,
0.3786

■ 15.3029, 0.3048,
0.1726

■ 77.9911, 0.3130,
0.3980

■ 13.5306, 0.3027,
0.1584

■ 85.9255, 0.3133,
0.4102

■ 12.3498, 0.3004,
0.1484

■ 86.1485, 0.3143,
0.4099

■ 11.6535, 0.2980,
0.1425

■ 86.3742, 0.3154,
0.4097

■ 11.5068, 0.2974,
0.1412

■ 86.6024, 0.3164,
0.4094

Harmonies

Analogous

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



35.2554, 0.2815, 0.2769



35.2554, 0.3118, 0.2860



35.2554, 0.3438, 0.3051

Triad

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



35.2554, 0.3118, 0.2860



35.2554, 0.3667, 0.3773



35.2554, 0.2603, 0.3237

Complementary

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



35.2554, 0.3118, 0.2860



42.9732, 0.3131, 0.3753

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.



35.2554, 0.2812, 0.3543



35.2554, 0.3118, 0.2860



35.2554, 0.3425, 0.3860

Square

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



35.2554, 0.3118, 0.2860



35.2554, 0.3763, 0.3565



35.2554, 0.3111, 0.3779



35.2554, 0.2530, 0.2968

Rectangle

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



35.2554, 0.3118, 0.2860



35.2554, 0.3613, 0.3215



35.2554, 0.3111, 0.3779



35.2554, 0.2659, 0.3340

Sweetspot

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



35.2569, 0.3118, 0.2860



77.9711, 0.3125, 0.3168



33.1776, 0.2847, 0.2871



17.0211, 0.3125, 0.3151



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.2569, 0.3118, 0.2860



59.0473, 0.3115, 0.2762



35.1124, 0.3268, 0.3030



9.1187, 0.3123, 0.3064



8.0432, 0.2977, 0.1414



0.2961, 0.3041, 0.1449

Inverse Universe

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



34.5358, 0.3427, 0.3249



57.5259, 0.3511, 0.3240



43.1208, 0.3008, 0.3566



9.0255, 0.3273, 0.3269



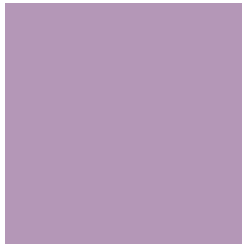
7.0565, 0.6276, 0.3231



0.2534, 0.5844, 0.2993

Previews

White Background



This preview shows how the Yxy color 35.2554, 0.3118, 0.2860 looks on a white background.

Color Contrast Check

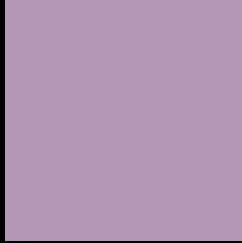
Large Text (above 18pt) WCAG AA × Fail

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 35.2554, 0.3118, 0.2860 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 35.2554, 0.3118, 0.2860

Background



This preview shows how black text looks on a background with the Yxy color 35.2554, 0.3118, 0.2860.



This preview shows how white text looks on a background with the Yxy color 35.2554, 0.3118, 0.2860.

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

35.2554, 0.3118, 0.2860

Protanopia

35.3957, 0.2846, 0.2879

Deuteranopia

35.2613, 0.2993, 0.2927



Tritanopia

35.3294, 0.3254, 0.3124

Trichromacy



Original Color

35.2554, 0.3118, 0.2860

Protanomaly

35.2146, 0.2941, 0.2872

Deuteranomaly

35.1465, 0.3040, 0.2904

Tritanomaly

35.3447, 0.3209, 0.3030

Monochromacy



Original Color

35.2554, 0.3118, 0.2860

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.1336, 0.3125, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2554, 0.3118, 0.2860 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(180, 151, 183)` looks like.

```
.text, #text, p{  
    color:rgb(180, 151, 183)  
}
```

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(180, 151, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 151, 183) }
```

Border

The CSS property to change the border of an element to Yxy 35.2554, 0.3118, 0.2860 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(180, 151, 183) }
```

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

```
.border{ border-color:rgb(180, 151, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 151, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 151, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 151, 183);  
box-shadow:4px 4px 4px 4px rgb(180, 151,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2554, 0.3118, 0.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 151, 183) }
```

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

```
.background{ background-color: rgb(180,  
151, 183) }
```

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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