

Converting Colors

$Y_{xy}(35.8012, 0.3011, 0.2730)$

Have a look what the booklet for
Yxy(35.8012, 0.3011, 0.2730)
contains.

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Color

Yxy(35.9352, 0.3011, 0.2735)

Conversions

Conversions Part 1

Format	Color
Hex	B398C2
RGB	179, 152, 194
RGB Percent	70%, 60%, 76%
CMY	0.2979, 0.4039, 0.2392
CMYK	0.08, 0.22, 0.00, 0.24
HSL	279°, 26%, 68%
HSV	279°, 22%, 76%
XYZ	39.5616, 35.9352, 55.8934
YIQ	164.8610, 2.6100, 18.7860

Conversions

Conversions Part 2

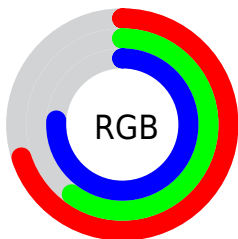
Format	Color
R_{YB}	179, 152, 194
Decimal	11770050
CIE _{Lab}	66.47, 17.84, -17.95
CIE _{LCh}	66, 25.310, 314.834
Yxy	35.9352, 0.3011, 0.2735
Android (android.graphics.Color)	4289960130 (0xFFB398C2)
YUV	164.8610, 14.3655, 12.3999
Hunter-Lab	59.9460, 12.8963, -13.3195

Details

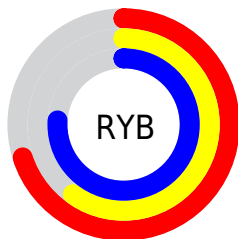
The Yxy color **35.9352, 0.3011, 0.2735** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.0655, 0.3220, 0.3864**, and the grayscale version is **37.4878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7698, 0.3033, 0.2828**, and **15.6364, 0.2973, 0.2584** is the 20% darker color. If you saturate the color by 10%, you get **29.3425, 0.2943, 0.2459**, and if you desaturate by 10%, it is **43.6023, 0.3070, 0.3000**.

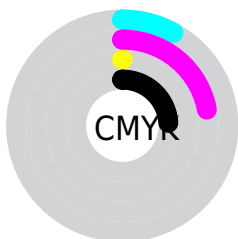
Distribution



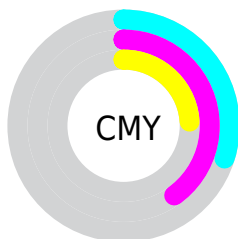
- Red (70%)
- Green (60%)
- Blue (76%)



- Red (70%)
- Yellow (60%)
- Blue (76%)



- Cyan (8%)
- Magenta (22%)
- Yellow (0%)
- Black (24%)





- Cyan (30%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9352, 0.3011, 0.2735 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 35.9352, 0.3011, 0.2735 by changing the saturation by 10% instead.


 35.9352, 0.3011,
0.2735

 35.9352, 0.3011,
0.2735


328.6772, 0.3075,
0.3013

 24.3842, 0.2993,
0.2666


 68.9320, 0.3036,
0.2836

 15.6188, 0.2969,
0.2577


 91.1466, 0.3045,
0.2874

 9.2548, 0.2935,
0.2458


117.6845, 0.3052,
0.2906

 4.9078, 0.2883,
0.2295

148.9301, 0.3058,
0.2934

 2.1933, 0.2797,
0.2053

185.2677, 0.3063,
0.2958

 0.7163, 0.2642,
0.1649

227.0819, 0.3068,

 0.0000, 0.0719,

0.2978

0.0000

274.7569, 0.3072,
0.2997

■ 0.0000, 0.0000,
0.0000

■ 35.9352, 0.3011,
0.2735

■ 35.9352, 0.3011,
0.2735

■ 29.3425, 0.2943,
0.2459

■ 43.6023, 0.3070,
0.3000

■ 23.7689, 0.2865,
0.2181

■ 52.3865, 0.3120,
0.3250

■ 19.1613, 0.2779,
0.1910

■ 62.3335, 0.3161,
0.3482

■ 15.4595, 0.2687,
0.1659

■ 73.4853, 0.3196,
0.3694

■ 12.5966, 0.2591,
0.1439

■ 85.8817, 0.3223,
0.3886

■ 10.4960, 0.2494,
0.1261

■ 90.7130, 0.3262,
0.3936

■ 9.0664, 0.2401,
0.1132

■ 91.8180, 0.3307,
0.3927

■ 8.2438, 0.2327,
0.1056

■ 92.9682, 0.3352,
0.3918

■ 94.1642, 0.3398,
0.3908

Harmonies

Analogous

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



35.9352, 0.2671, 0.2662



35.9352, 0.3011, 0.2735



35.9352, 0.3404, 0.2934

Triad

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



35.9352, 0.3011, 0.2735



35.9352, 0.3830, 0.3812



35.9352, 0.2548, 0.3320

Complementary

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



35.9352, 0.3011, 0.2735



49.0655, 0.3220, 0.3864

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.



35.9352, 0.2831, 0.3688



35.9352, 0.3011, 0.2735



35.9352, 0.3573, 0.3972

Square

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



35.9352, 0.3011, 0.2735



35.9352, 0.3893, 0.3534



35.9352, 0.3205, 0.3936



35.9352, 0.2417, 0.2971

Rectangle

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



35.9352, 0.3011, 0.2735



35.9352, 0.3639, 0.3117



35.9352, 0.3205, 0.3936



35.9352, 0.2628, 0.3447

Sweetspot

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



35.9367, 0.3011, 0.2735



87.5842, 0.3099, 0.3142



38.3535, 0.2783, 0.2918



18.9469, 0.3095, 0.3125



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.



35.9367, 0.3011, 0.2735



59.1847, 0.2980, 0.2605



37.5727, 0.3203, 0.2825



10.0621, 0.3082, 0.3059



5.4671, 0.2339, 0.1062



0.2737, 0.2536, 0.1171

Inverse Universe

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



36.7133, 0.3409, 0.3094



60.9046, 0.3488, 0.3048



47.7159, 0.3059, 0.3804



10.1359, 0.3234, 0.3208



7.8388, 0.5526, 0.2818



0.3519, 0.4902, 0.2474

Previews

White Background



This preview shows how the Yxy color 35.9352, 0.3011, 0.2735 looks on a white background.

Color Contrast Check

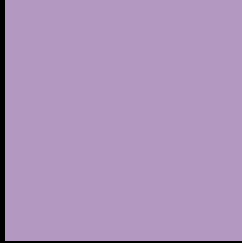
Large Text (above 18pt) WCAG AA × Fail

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 35.9352, 0.3011, 0.2735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

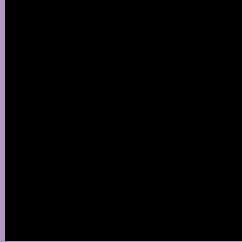
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9352, 0.3011, 0.2735

Background



This preview shows how black text looks on a background with the Yxy color 35.9352, 0.3011, 0.2735.



This preview shows how white text looks on a background with the Yxy color 35.9352, 0.3011, 0.2735.

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

35.9352, 0.3011, 0.2735

Protanopia

36.0840, 0.2739, 0.2735

Deuteranopia

35.9854, 0.2867, 0.2807



Tritanopia

36.0925, 0.3193, 0.3124

Trichromacy



Original Color

35.9352, 0.3011, 0.2735

Protanomaly

35.8725, 0.2827, 0.2730

Deuteranomaly

35.9520, 0.2919, 0.2787

Tritanomaly

35.8871, 0.3123, 0.2975

Monochromacy



Original Color

35.9352, 0.3011, 0.2735

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.8222, 0.3081, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9352, 0.3011, 0.2735 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(179, 152, 194)` looks like.

```
.text, #text, p{  
    color:rgb(179, 152, 194)  
}
```

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(179, 152, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 152, 194) }
```

Border

The CSS property to change the border of an element to Yxy 35.9352, 0.3011, 0.2735 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(179, 152, 194) }
```

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

```
.border{ border-color:rgb(179, 152, 194) }
```

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

Here you see how a box with a 4 pixel rgb(179, 152, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 152, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 152, 194);  
box-shadow:4px 4px 4px 4px rgb(179, 152,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9352, 0.3011, 0.2735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 152, 194) }
```

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

```
.background{ background-color: rgb(179,  
152, 194) }
```

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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