

Converting Colors

$Y_{xy}(35.5759, 0.3049, 0.2636)$

Have a look what the booklet for
Yxy(35.5759, 0.3049, 0.2636)
contains.

Yxy(35.5094, 0.3052, 0.2635)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.5094, 0.3052, 0.2635)

Conversions

Conversions Part 1

Format	Color
Hex	BB93C6
RGB	187, 147, 198
RGB Percent	73%, 58%, 78%
CMY	0.2665, 0.4236, 0.2235
CMYK	0.06, 0.26, 0.00, 0.22
HSL	287°, 31%, 68%
HSV	287°, 26%, 78%
XYZ	41.1289, 35.5094, 58.1222
YIQ	164.7740, 7.4690, 24.3410

Conversions

Conversions Part 2

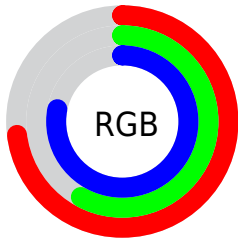
Format	Color
R _Y B	187, 147, 198
Decimal	12293062
CIE Lab	66.14, 24.12, -20.61
CIE LCh	66, 31.729, 319.483
Yxy	35.5094, 0.3052, 0.2635
Android (android.graphics.Color)	4290483142 (0xFFBB93C6)
YUV	164.7740, 16.3804, 19.4922
Hunter-Lab	59.5898, 18.9188, -16.1170

Details

The Yxy color **35.5094, 0.3052, 0.2635** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.7674, 0.3179, 0.3999**, and the grayscale version is **37.4326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2264, 0.3072, 0.2749**, and **15.3659, 0.3017, 0.2454** is the 20% darker color. If you saturate the color by 10%, you get **29.3448, 0.3013, 0.2371**, and if you desaturate by 10%, it is **42.7529, 0.3086, 0.2897**.

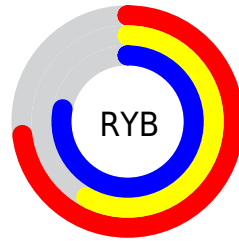
Distribution



Red (73%)

Green (58%)

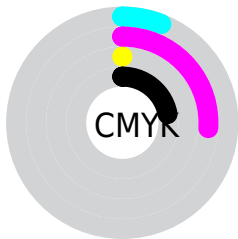
Blue (78%)



Red (73%)

Yellow (58%)

Blue (78%)

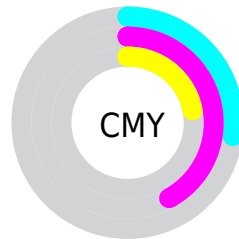


Cyan (6%)

Magenta (26%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (42%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5094, 0.3052, 0.2635 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 35.5094, 0.3052, 0.2635 by changing the saturation by 10% instead.


 35.5094, 0.3052,
0.2635


 35.5094, 0.3052,
0.2635


326.8111, 0.3097,
0.2960

 24.0555, 0.3038,
0.2555


 68.2742, 0.3070,
0.2752

 15.3748, 0.3020,
0.2453


 90.3538, 0.3076,
0.2797

 9.0829, 0.2992,
0.2318


116.7443, 0.3082,
0.2834

 4.7953, 0.2949,
0.2135

147.8298, 0.3086,
0.2867

 2.1276, 0.2875,
0.1869

183.9949, 0.3089,
0.2895

 0.6801, 0.2739,
0.1433

225.6238, 0.3092,

 0.0000, 0.1579,

0.2919


0.0000


273.1011, 0.3095,
0.2941


 0.0000, 0.0000,
0.0000


 35.5094, 0.3052,
0.2635

 35.5094, 0.3052,
0.2635


 29.3448, 0.3013,
0.2371


 42.7529, 0.3086,
0.2897


 24.2002, 0.2967,
0.2114


 51.1213, 0.3113,
0.3150

 20.0177, 0.2917,
0.1874

 60.6634, 0.3136,
0.3389

 16.7321, 0.2863,
0.1661

 71.4238, 0.3154,
0.3612

 14.2695, 0.2806,
0.1487

 83.4447, 0.3168,
0.3817

■ 12.5445, 0.2748,
0.1357

■ 89.6837, 0.3188,
0.3902

■ 11.4507, 0.2691,
0.1272

■ 90.3275, 0.3215,
0.3897

■ 11.0888, 0.2667,
0.1243

■ 90.9880, 0.3242,
0.3892

■ 91.6656, 0.3270,
0.3887

Harmonies

Analogous

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



35.5094, 0.2613, 0.2517



35.5094, 0.3052, 0.2635



35.5094, 0.3547, 0.2897

Triad

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



35.5094, 0.3052, 0.2635



35.5094, 0.3969, 0.3978



35.5094, 0.2367, 0.3246

Complementary

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



35.5094, 0.3052, 0.2635



49.7674, 0.3179, 0.3999

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.



35.5094, 0.2688, 0.3729



35.5094, 0.3052, 0.2635



35.5094, 0.3612, 0.4163

Square

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



35.5094, 0.3052, 0.2635



35.5094, 0.4098, 0.3639



35.5094, 0.3141, 0.4084



35.5094, 0.2243, 0.2825

Rectangle

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



35.5094, 0.3052, 0.2635



35.5094, 0.3832, 0.3127



35.5094, 0.3141, 0.4084



35.5094, 0.2454, 0.3408

Sweetspot

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



35.5109, 0.3052, 0.2635



86.8451, 0.3107, 0.3092



34.7479, 0.2702, 0.2725



18.0917, 0.3103, 0.3053



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.



35.5109, 0.3052, 0.2635



56.4277, 0.3030, 0.2484



36.3133, 0.3293, 0.2825



10.6971, 0.3104, 0.3060



7.2483, 0.2675, 0.1247



0.3727, 0.2792, 0.1312

Inverse Universe

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



35.3384, 0.3553, 0.3147



56.1392, 0.3682, 0.3114



49.1867, 0.2994, 0.3805



10.6737, 0.3256, 0.3241



7.9296, 0.6013, 0.3086



0.3865, 0.5420, 0.2759

Previews

White Background



This preview shows how the Yxy color 35.5094, 0.3052, 0.2635 looks on a white background.

Color Contrast Check

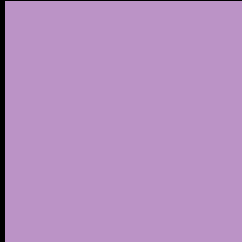
Large Text (above 18pt) WCAG AA × Fail

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 35.5094, 0.3052, 0.2635 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 35.5094, 0.3052, 0.2635

Background



This preview shows how black text looks on a background with the Yxy color 35.5094, 0.3052, 0.2635.



This preview shows how white text looks on a background with the Yxy color 35.5094, 0.3052, 0.2635.

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

35.5094, 0.3052, 0.2635

Protanopia

35.6908, 0.2656, 0.2629

Deuteranopia

35.8102, 0.2817, 0.2765



Tritanopia

35.4442, 0.3305, 0.3126

Trichromacy



Original Color

35.5094, 0.3052, 0.2635

Protanomaly

35.5889, 0.2788, 0.2630

Deuteranomaly

35.5774, 0.2895, 0.2710

Tritanomaly

35.4979, 0.3213, 0.2942

Monochromacy



Original Color

35.5094, 0.3052, 0.2635

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.5123, 0.3101, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5094, 0.3052, 0.2635 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(187, 147, 198)` looks like.

```
.text, #text, p{  
    color:rgb(187, 147, 198)  
}
```

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(187, 147, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 147, 198) }
```

Border

The CSS property to change the border of an element to Yxy 35.5094, 0.3052, 0.2635 is called "border". The border property can be set on classes, ids or directly on the HTML element.

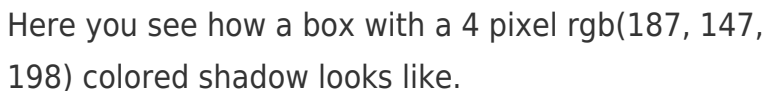
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 147, 198) }
```

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

```
.border{ border-color:rgb(187, 147, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 147, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 147, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 147, 198); box-shadow:4px 4px 4px 4px rgb(187, 147, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5094, 0.3052, 0.2635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 147, 198) }
```

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

```
.background{ background-color: rgb(187,  
147, 198) }
```

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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