

Converting Colors

$Y_{xy}(35.0856, 0.3051, 0.2553)$

Have a look what the booklet for
Yxy(35.0856, 0.3051, 0.2553)
contains.

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Color

Yxy(35.2872, 0.3055, 0.2559)

Conversions

Conversions Part 1

Format	Color
Hex	BF90CA
RGB	191, 144, 202
RGB Percent	75%, 56%, 79%
CMY	0.2509, 0.4353, 0.2078
CMYK	0.05, 0.29, 0.00, 0.21
HSL	289°, 35%, 68%
HSV	289°, 29%, 79%
XYZ	42.1268, 35.2872, 60.4805
YIQ	164.6650, 9.3940, 28.0020

Conversions

Conversions Part 2

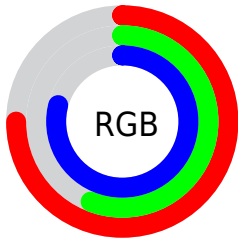
Format	Color
RYB	191, 144, 202
Decimal	12554442
CIELab	65.97, 27.89, -23.07
CIELCh	66, 36.202, 320.402
Yxy	35.2872, 0.3055, 0.2559
Android (android.graphics.Color)	4290744522 (0xFFBF90CA)
YUV	164.6650, 18.4062, 23.0958
Hunter-Lab	59.4030, 22.6313, -18.7833

Details

The Yxy color **35.2872, 0.3055, 0.2559** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.2311, 0.3172, 0.4096**, and the grayscale version is **37.3668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5646, 0.3102, 0.2723**, and **15.2852, 0.3021, 0.2359** is the 20% darker color. If you saturate the color by 10%, you get **29.2176, 0.3020, 0.2299**, and if you desaturate by 10%, it is **42.4677, 0.3085, 0.2821**.

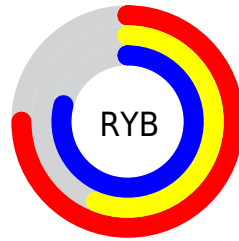
Distribution



Red (75%)

Green (56%)

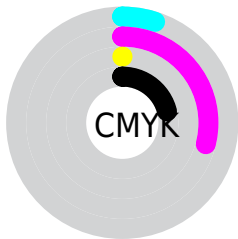
Blue (79%)



Red (75%)

Yellow (56%)

Blue (79%)

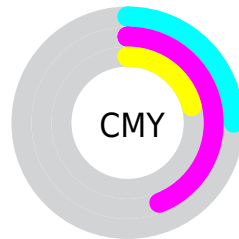


Cyan (5%)

Magenta (29%)

Yellow (0%)

Black (21%)



Cyan (25%)


Magenta (44%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2872, 0.3055, 0.2559 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 35.2872, 0.3055, 0.2559 by changing the saturation by 10% instead.

 35.2872, 0.3055,
0.2559


 35.2872, 0.3055,
0.2559


325.8342, 0.3100,
0.2920

 23.8842, 0.3041,
0.2471


 67.9304, 0.3073,
0.2689

 15.2477, 0.3021,
0.2360


 89.9395, 0.3080,
0.2738

 8.9934, 0.2992,
0.2214


116.2526, 0.3085,
0.2779

 4.7369, 0.2947,
0.2016

147.2543, 0.3089,
0.2815

 2.0937, 0.2868,
0.1736

183.3289, 0.3093,
0.2846

 0.6611, 0.2723,
0.1285

224.8608, 0.3095,

 0.0000, 0.1844,

0.2874

0.0000

272.2345, 0.3098,
0.2898

0.0000, 0.0000,
0.0000

35.2872, 0.3055,
0.2559

35.2872, 0.3055,
0.2559

29.2176, 0.3020,
0.2299

42.4677, 0.3085,
0.2821

24.1959, 0.2980,
0.2049

50.8088, 0.3109,
0.3076

20.1597, 0.2935,
0.1821

60.3626, 0.3129,
0.3320

17.0380, 0.2887,
0.1624

71.1765, 0.3145,
0.3549

14.7502, 0.2837,
0.1468

83.2958, 0.3157,
0.3760

■ 13.2015, 0.2787,
0.1356

■ 90.0798, 0.3174,
0.3856

■ 12.2393, 0.2737,
0.1286

■ 90.6624, 0.3198,
0.3852

■ 12.1315, 0.2731,
0.1278

■ 91.2586, 0.3223,
0.3848

■ 91.8684, 0.3247,
0.3844

Harmonies

Analogous

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



35.2872, 0.2555, 0.2420



35.2872, 0.3055, 0.2559



35.2872, 0.3622, 0.2855

Triad

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



35.2872, 0.3055, 0.2559



35.2872, 0.4074, 0.4074



35.2872, 0.2258, 0.3216

Complementary

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



35.2872, 0.3055, 0.2559



51.2311, 0.3172, 0.4096

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.



35.2872, 0.2610, 0.3780



35.2872, 0.3055, 0.2559



35.2872, 0.3658, 0.4292

Square

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



35.2872, 0.3055, 0.2559



35.2872, 0.4237, 0.3687



35.2872, 0.3120, 0.4201



35.2872, 0.2129, 0.2743

Rectangle

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



35.2872, 0.3055, 0.2559



35.2872, 0.3946, 0.3113



35.2872, 0.3120, 0.4201



35.2872, 0.2352, 0.3404

Sweetspot

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



35.2887, 0.3055, 0.2559



85.4062, 0.3109, 0.3066



33.8352, 0.2646, 0.2634



17.8101, 0.3105, 0.3029



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.



35.2887, 0.3055, 0.2559



53.6133, 0.3036, 0.2409



35.9893, 0.3327, 0.2781



11.2922, 0.3108, 0.3059



7.8414, 0.2738, 0.1282



0.4329, 0.2835, 0.1335

Inverse Universe

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



34.8689, 0.3635, 0.3149



52.8673, 0.3778, 0.3120



50.7667, 0.2973, 0.3861



11.2478, 0.3261, 0.3246



8.1810, 0.6085, 0.3126



0.4327, 0.5552, 0.2832

Previews

White Background



This preview shows how the Yxy color 35.2872, 0.3055, 0.2559 looks on a white background.

Color Contrast Check

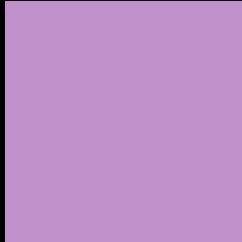
Large Text (above 18pt) WCAG AA × Fail

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 35.2872, 0.3055, 0.2559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

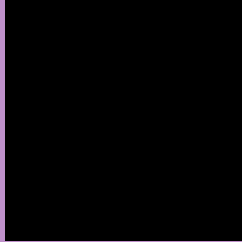
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2872, 0.3055, 0.2559

Background



This preview shows how black text looks on a background with the Yxy color 35.2872, 0.3055, 0.2559.



This preview shows how white text looks on a background with the Yxy color 35.2872, 0.3055, 0.2559.

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

35.2872, 0.3055, 0.2559

Protanopia

35.7114, 0.2592, 0.2553

Deuteranopia

35.3054, 0.2768, 0.2709



Tritanopia

35.0918, 0.3358, 0.3127

Trichromacy



Original Color

35.2872, 0.3055, 0.2559

Protanomaly

35.3960, 0.2741, 0.2555

Deuteranomaly

35.0616, 0.2869, 0.2646

Tritanomaly

34.9189, 0.3246, 0.2905

Monochromacy



Original Color

35.2872, 0.3055, 0.2559

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.3270, 0.3102, 0.3002

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2872, 0.3055, 0.2559 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(191, 144, 202)` looks like.

```
.text, #text, p{  
    color:rgb(191, 144, 202)  
}
```

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(191, 144, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 144, 202) }
```

Border

The CSS property to change the border of an element to Yxy 35.2872, 0.3055, 0.2559 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(191, 144, 202) }
```

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

```
.border{ border-color:rgb(191, 144, 202) }
```

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

Here you see how a box with a 4 pixel rgb(191, 144, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 144, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 144, 202);  
box-shadow:4px 4px 4px 4px rgb(191, 144,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2872, 0.3055, 0.2559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 144, 202) }
```

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

```
.background{ background-color: rgb(191,  
144, 202) }
```

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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