

Converting Colors

$Y_{xy}(35.3555, 0.2967, 0.2658)$

Have a look what the booklet for
Yxy(35.3555, 0.2967, 0.2658)
contains.

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Color

Yxy(35.3549, 0.2967, 0.2659)

Conversions

Conversions Part 1

Format	Color
Hex	B296C6
RGB	178, 150, 198
RGB Percent	70%, 59%, 78%
CMY	0.3021, 0.4117, 0.2236
CMYK	0.10, 0.24, 0.00, 0.22
HSL	275°, 30%, 68%
HSV	275°, 24%, 78%
XYZ	39.4502, 35.3549, 58.1581
YIQ	163.8440, 1.2800, 20.8640

Conversions

Conversions Part 2

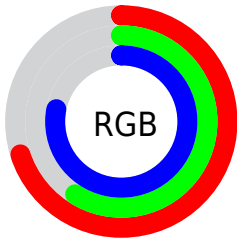
Format	Color
R_{YB}	178, 150, 198
Decimal	11704006
CIE _{Lab}	66.02, 19.42, -20.85
CIE _{LCh}	66, 28.493, 312.960
Yxy	35.3549, 0.2967, 0.2659
Android (android.graphics.Color)	4289894086 (0xFFB296C6)
YUV	163.8440, 16.8389, 12.4148
Hunter-Lab	59.4600, 14.3752, -16.3698

Details

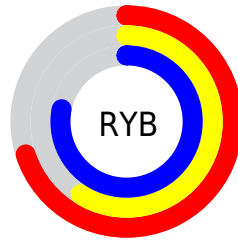
The Yxy color **35.3549, 0.2967, 0.2659** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.1325, 0.3255, 0.3936**, and the grayscale version is **36.9633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8982, 0.2999, 0.2768**, and **15.2973, 0.2912, 0.2482** is the 20% darker color. If you saturate the color by 10%, you get **28.6134, 0.2882, 0.2376**, and if you desaturate by 10%, it is **43.2258, 0.3041, 0.2931**.

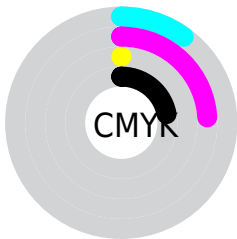
Distribution



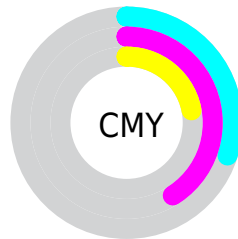
- Red (70%)
- Green (59%)
- Blue (78%)



- Red (70%)
- Yellow (59%)
- Blue (78%)



- Cyan (10%)
- Magenta (24%)
- Yellow (0%)
- Black (22%)





- Cyan (30%)
- Magenta (41%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3549, 0.2967, 0.2659 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 35.3549, 0.2967, 0.2659 by changing the saturation by 10% instead.


 35.3549, 0.2967,
0.2659

 35.3549, 0.2967,
0.2659


326.1321, 0.3055,
0.2974

 23.9364, 0.2943,
0.2581


 68.0352, 0.3001,
0.2773

 15.2864, 0.2910,
0.2481


 90.0658, 0.3013,
0.2816

 9.0207, 0.2864,
0.2349


116.4025, 0.3023,
0.2853

 4.7547, 0.2795,
0.2167

147.4298, 0.3031,
0.2884

 2.1040, 0.2683,
0.1902

183.5320, 0.3039,
0.2911

 0.6669, 0.2485,
0.1458

225.0935, 0.3045,

 0.0000, 0.0538,

0.2935

0.0000

272.4987, 0.3050,
0.2956

0.0000, 0.0000,
0.0000

35.3549, 0.2967,
0.2659

35.3549, 0.2967,
0.2659

28.6134, 0.2882,
0.2376

43.2258, 0.3041,
0.2931

22.9421, 0.2787,
0.2090

52.2725, 0.3104,
0.3188

18.2833, 0.2684,
0.1813

62.5441, 0.3157,
0.3424

14.5717, 0.2573,
0.1556

74.0857, 0.3201,
0.3640

11.7341, 0.2461,
0.1335

86.9399, 0.3237,
0.3836

9.6863, 0.2350,
0.1159

92.0168, 0.3284,
0.3884

8.3261, 0.2246,
0.1035

93.3976, 0.3338,
0.3874

7.7433, 0.2189,
0.0980

94.8439, 0.3393,
0.3864

96.3564, 0.3448,
0.3854

Harmonies

Analogous

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



35.3549, 0.2593, 0.2586



35.3549, 0.2967, 0.2659



35.3549, 0.3412, 0.2873

Triad

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



35.3549, 0.2967, 0.2659



35.3549, 0.3932, 0.3857



35.3549, 0.2490, 0.3348

Complementary

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



35.3549, 0.2967, 0.2659



51.1325, 0.3255, 0.3936

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.



35.3549, 0.2815, 0.3767



35.3549, 0.2967, 0.2659



35.3549, 0.3651, 0.4057

Square

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



35.3549, 0.2967, 0.2659



35.3549, 0.3992, 0.3536



35.3549, 0.3239, 0.4037



35.3549, 0.2334, 0.2947

Rectangle

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



35.3549, 0.2967, 0.2659



35.3549, 0.3684, 0.3073



35.3549, 0.3239, 0.4037



35.3549, 0.2582, 0.3494

Sweetspot

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



35.3564, 0.2967, 0.2659



87.7492, 0.3087, 0.3116



39.6144, 0.2742, 0.2913



18.5668, 0.3083, 0.3100



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.



35.3564, 0.2967, 0.2659



56.1557, 0.2924, 0.2512



37.7533, 0.3184, 0.2731



10.5875, 0.3072, 0.3058



5.0880, 0.2202, 0.0987



0.2828, 0.2409, 0.1101

Inverse Universe

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



36.7270, 0.3422, 0.3032



59.0777, 0.3505, 0.2973



49.1722, 0.3073, 0.3921



10.7092, 0.3225, 0.3194



8.2266, 0.5284, 0.2685



0.4039, 0.4748, 0.2389

Previews

White Background



This preview shows how the Yxy color 35.3549, 0.2967, 0.2659 looks on a white background.

Color Contrast Check

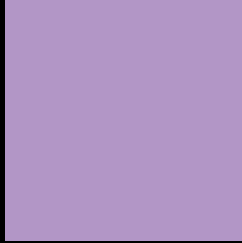
Large Text (above 18pt) WCAG AA × Fail

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 35.3549, 0.2967, 0.2659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

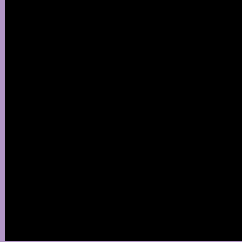
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3549, 0.2967, 0.2659

Background



This preview shows how black text looks on a background with the Yxy color 35.3549, 0.2967, 0.2659.



This preview shows how white text looks on a background with the Yxy color 35.3549, 0.2967, 0.2659.

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

35.3549, 0.2967, 0.2659

Protanopia

35.5455, 0.2677, 0.2666

Deuteranopia

35.4143, 0.2800, 0.2737



Tritanopia

35.4883, 0.3184, 0.3122

Trichromacy



Original Color

35.3549, 0.2967, 0.2659

Protanomaly

35.5148, 0.2778, 0.2663

Deuteranomaly

35.1418, 0.2859, 0.2704

Tritanomaly

35.4798, 0.3105, 0.2947

Monochromacy



Original Color

35.3549, 0.2967, 0.2659

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.3659, 0.3072, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3549, 0.2967, 0.2659 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(178, 150, 198)` looks like.

```
.text, #text, p{  
    color:rgb(178, 150, 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(178, 150, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 150, 198) }
```

Border

The CSS property to change the border of an element to Yxy 35.3549, 0.2967, 0.2659 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(178, 150, 198) }
```

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

```
.border{ border-color:rgb(178, 150, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 150, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 150, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 150, 198);  
box-shadow:4px 4px 4px 4px rgb(178, 150,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3549, 0.2967, 0.2659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 150, 198) }
```

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

```
.background{ background-color: rgb(178,  
150, 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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