

Converting Colors

$Yxy(34.3665, 0.3178, 0.2894)$

Have a look what the booklet for
Yxy(34.3665, 0.3178, 0.2894)
contains.

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Color

Yxy(34.5330, 0.3175, 0.2898)

Conversions

Conversions Part 1

Format	Color
Hex	B595B2
RGB	181, 149, 178
RGB Percent	71%, 58%, 70%
CMY	0.2903, 0.4156, 0.3019
CMYK	0.00, 0.18, 0.02, 0.29
HSL	306°, 18%, 65%
HSV	306°, 18%, 71%
XYZ	37.8338, 34.5330, 46.7947
YIQ	161.8740, 9.7630, 15.8030

Conversions

Conversions Part 2

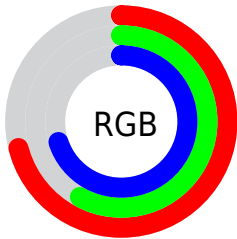
Format	Color
R _Y B	181, 149, 178
Decimal	11900338
CIE Lab	65.38, 17.01, -10.61
CIE LCh	65, 20.053, 328.043
Yxy	34.5330, 0.3175, 0.2898
Android (android.graphics.Color)	4290090418 (0xFFB595B2)
YUV	161.8740, 7.9501, 16.7735
Hunter-Lab	58.7648, 12.0830, -6.0776

Details

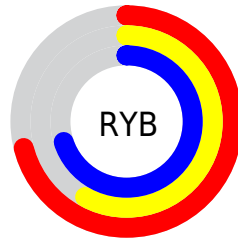
The Yxy color **34.5330, 0.3175, 0.2898** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.6911, 0.3082, 0.3716**, and the grayscale version is **36.0276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6569, 0.3165, 0.2966**, and **14.8052, 0.3194, 0.2786** is the 20% darker color. If you saturate the color by 10%, you get **29.1786, 0.3206, 0.2671**, and if you desaturate by 10%, it is **40.7810, 0.3147, 0.3123**.

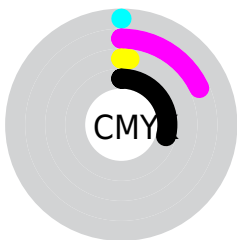
Distribution



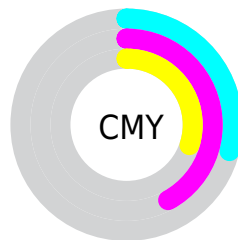
- Red (71%)
- Green (58%)
- Blue (70%)



- Red (71%)
- Yellow (58%)
- Blue (70%)



- Cyan (0%)
- Magenta (18%)
- Yellow (2%)
- Black (29%)





- Cyan (29%)
- Magenta (42%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5330, 0.3175, 0.2898 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 34.5330, 0.3175, 0.2898 by changing the saturation by 10% instead.


 34.5330, 0.3175,
0.2898


 34.5330, 0.3175,
0.2898


322.5022, 0.3153,
0.3098

 23.3034, 0.3180,
0.2847


 66.7617, 0.3167,
0.2971

 14.8177, 0.3186,
0.2781


 88.5295, 0.3164,
0.2999

 8.6915, 0.3194,
0.2691


114.5788, 0.3162,
0.3022

 4.5405, 0.3203,
0.2564

145.2941, 0.3159,
0.3041

 1.9803, 0.3214,
0.2370

181.0597, 0.3157,
0.3058

 0.5960, 0.3253,
0.1959

222.2600, 0.3156,

 0.0000, 0.0000,

0.3073

0.0000

269.2793, 0.3154,
0.3086

■ 34.5330, 0.3175,
0.2898

■ 34.5330, 0.3175,
0.2898

■ 29.1786, 0.3206,
0.2671

■ 40.7810, 0.3147,
0.3123

■ 24.6723, 0.3240,
0.2449

■ 47.9564, 0.3122,
0.3340

■ 20.9714, 0.3276,
0.2241

■ 56.0967, 0.3099,
0.3546

■ 18.0278, 0.3313,
0.2055

■ 65.2361, 0.3080,
0.3739

■ 15.7882, 0.3349,
0.1902

■ 75.4071, 0.3063,
0.3917

■ 14.1924, 0.3385,
0.1787

■ 84.9730, 0.3050,
0.4056

■ 13.1701, 0.3418,
0.1715

■ 85.0457, 0.3041,
0.4036

■ 12.6140, 0.3449,
0.1683

■ 85.1193, 0.3032,
0.4016

■ 12.5077, 0.3456,
0.1678

■ 85.1937, 0.3023,
0.3996

Harmonies

Analogous

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



34.5330, 0.2871, 0.2790



34.5330, 0.3175, 0.2898



34.5330, 0.3479, 0.3098

Triad

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



34.5330, 0.3175, 0.2898



34.5330, 0.3619, 0.3785



34.5330, 0.2594, 0.3188

Complementary

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



34.5330, 0.3175, 0.2898



41.6911, 0.3082, 0.3716

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.



34.5330, 0.2776, 0.3485



34.5330, 0.3175, 0.2898



34.5330, 0.3366, 0.3842

Square

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



34.5330, 0.3175, 0.2898



34.5330, 0.3741, 0.3599



34.5330, 0.3057, 0.3733



34.5330, 0.2548, 0.2940

Rectangle

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



34.5330, 0.3175, 0.2898



34.5330, 0.3635, 0.3263



34.5330, 0.3057, 0.3733



34.5330, 0.2641, 0.3286

Sweetspot

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



34.5345, 0.3175, 0.2898



76.2127, 0.3140, 0.3180



31.4795, 0.2867, 0.2822



16.2873, 0.3142, 0.3164



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



34.5345, 0.3175, 0.2898



58.1474, 0.3186, 0.2814



33.9402, 0.3327, 0.3106



8.6329, 0.3151, 0.3086



8.6316, 0.3453, 0.1676



0.2755, 0.3377, 0.1634

Inverse Universe

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



34.5345, 0.3175, 0.2898



58.1474, 0.3186, 0.2814



42.2392, 0.2963, 0.3482



8.6329, 0.3151, 0.3086



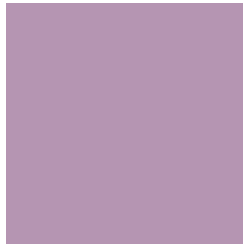
8.6316, 0.3453, 0.1676



0.2755, 0.3377, 0.1634

Previews

White Background



This preview shows how the Yxy color 34.5330, 0.3175, 0.2898 looks on a white background.

Color Contrast Check

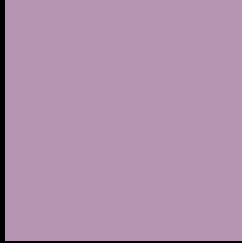
Large Text (above 18pt) WCAG AA × Fail

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 34.5330, 0.3175, 0.2898 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 34.5330, 0.3175, 0.2898

Background



This preview shows how black text looks on a background with the Yxy color 34.5330, 0.3175, 0.2898.



This preview shows how white text looks on a background with the Yxy color 34.5330, 0.3175, 0.2898.

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

34.5330, 0.3175, 0.2898

Protanopia

34.7844, 0.2868, 0.2917

Deuteranopia

34.7240, 0.3036, 0.2980



Tritanopia

34.6845, 0.3296, 0.3138

Trichromacy



Original Color

34.5330, 0.3175, 0.2898

Protanomaly

34.7126, 0.2974, 0.2910

Deuteranomaly

34.6147, 0.3084, 0.2956

Tritanomaly

34.6637, 0.3259, 0.3057

Monochromacy



Original Color

34.5330, 0.3175, 0.2898

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.3761, 0.3144, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5330, 0.3175, 0.2898 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(181, 149, 178)` looks like.

```
.text, #text, p{  
    color:rgb(181, 149, 178)  
}
```

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(181, 149, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 149, 178) }
```

Border

The CSS property to change the border of an element to Yxy 34.5330, 0.3175, 0.2898 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(181, 149, 178) }
```

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

```
.border{ border-color:rgb(181, 149, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 149, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 149, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 149, 178);  
box-shadow:4px 4px 4px 4px rgb(181, 149,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5330, 0.3175, 0.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 149, 178) }
```

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

```
.background{ background-color: rgb(181,  
149, 178) }
```

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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