

Converting Colors

$Yxy(34.6477, 0.2873, 0.2644)$

Have a look what the booklet for
Yxy(34.6477, 0.2873, 0.2644)
contains.

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Color

Yxy(34.6918, 0.2877, 0.2645)

Conversions

Conversions Part 1

Format	Color
Hex	A997C7
RGB	169, 151, 199
RGB Percent	66%, 59%, 78%
CMY	0.3373, 0.4078, 0.2196
CMYK	0.15, 0.24, 0.00, 0.22
HSL	262°, 30%, 69%
HSV	262°, 24%, 78%
XYZ	37.7347, 34.6918, 58.7334
YIQ	161.8540, -4.6800, 18.7440

Conversions

Conversions Part 2

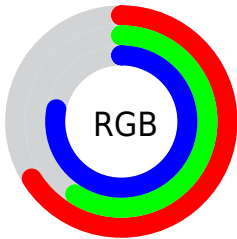
Format	Color
RYB	169, 151, 199
Decimal	11114439
CIELab	65.51, 16.16, -22.28
CIElCh	66, 27.517, 305.952
Yxy	34.6918, 0.2877, 0.2645
Android (android.graphics.Color)	4289304519 (0xFFA997C7)
YUV	161.8540, 18.3130, 6.2670
Hunter-Lab	58.8997, 11.2833, -17.8927

Details

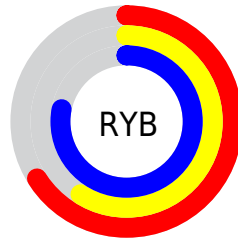
The Yxy color **34.6918, 0.2877, 0.2645** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.9017, 0.3336, 0.3916**, and the grayscale version is **35.9740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8902, 0.2936, 0.2769**, and **14.8717, 0.2788, 0.2458** is the 20% darker color. If you saturate the color by 10%, you get **27.5081, 0.2747, 0.2343**, and if you desaturate by 10%, it is **43.0903, 0.2991, 0.2929**.

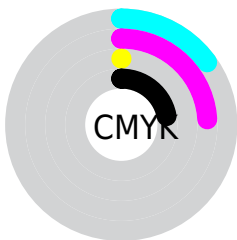
Distribution



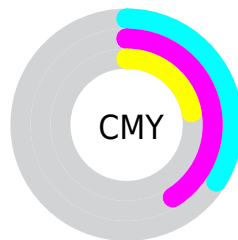
- Red (66%)
- Green (59%)
- Blue (78%)



- Red (66%)
- Yellow (59%)
- Blue (78%)



- Cyan (15%)
- Magenta (24%)
- Yellow (0%)
- Black (22%)




- Cyan (34%)
- Magenta (41%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.6918, 0.2877, 0.2645 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 34.6918, 0.2877, 0.2645 by changing the saturation by 10% instead.


 34.6918, 0.2877,
0.2645

 34.6918, 0.2877,
0.2645


323.2059, 0.3011,
0.2969

 23.4256, 0.2841,
0.2564


 67.0080, 0.2928,
0.2763

 14.9081, 0.2793,
0.2461


 88.8268, 0.2946,
0.2807

 8.7549, 0.2726,
0.2323


114.9319, 0.2962,
0.2844

 4.5816, 0.2628,
0.2134

145.7077, 0.2975,
0.2877

 2.0040, 0.2473,
0.1857

181.5386, 0.2986,
0.2904

 0.6098, 0.2211,
0.1374

222.8090, 0.2995,

 0.0000, 0.0000,

0.2929

0.0000

269.9033, 0.3004,
0.2950

■ 34.6918, 0.2877,
0.2645

■ 34.6918, 0.2877,
0.2645

■ 27.5081, 0.2747,
0.2343

■ 43.0903, 0.2991,
0.2929

■ 21.4770, 0.2604,
0.2031

■ 52.7533, 0.3091,
0.3190

■ 16.5373, 0.2451,
0.1722

■ 63.7329, 0.3176,
0.3426

■ 12.6200, 0.2292,
0.1430

■ 76.0767, 0.3248,
0.3638

■ 9.6482, 0.2136,
0.1174

■ 89.8302, 0.3308,
0.3826

■ 7.5331, 0.1991,
0.0970

■ 94.8120, 0.3384,
0.3854

■ 6.1684, 0.1865,
0.0827

■ 96.9030, 0.3460,
0.3840

■ 5.6017, 0.1800,
0.0765

Harmonies

Analogous

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



34.6918, 0.2542, 0.2610



34.6918, 0.2877, 0.2645



34.6918, 0.3303, 0.2825

Triad

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



34.6918, 0.2877, 0.2645



34.6918, 0.3945, 0.3777



34.6918, 0.2568, 0.3446

Complementary

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



34.6918, 0.2877, 0.2645



52.9017, 0.3336, 0.3916

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.



34.6918, 0.2916, 0.3833



34.6918, 0.2877, 0.2645



34.6918, 0.3716, 0.4006

Square

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



34.6918, 0.2877, 0.2645



34.6918, 0.3944, 0.3451



34.6918, 0.3336, 0.4042



34.6918, 0.2374, 0.3039

Rectangle

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



34.6918, 0.2877, 0.2645



34.6918, 0.3582, 0.3007



34.6918, 0.3336, 0.4042



34.6918, 0.2670, 0.3586

Sweetspot

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



34.6932, 0.2877, 0.2645



87.0796, 0.3062, 0.3114



43.9127, 0.2755, 0.3049



18.4118, 0.3057, 0.3099



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.



34.6932, 0.2877, 0.2645



53.8088, 0.2810, 0.2486



37.5433, 0.3095, 0.2685



10.4779, 0.3040, 0.3055



3.6487, 0.1814, 0.0773



0.2140, 0.2057, 0.0907

Inverse Universe

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



37.6136, 0.3323, 0.2909



59.8900, 0.3377, 0.2822



50.2859, 0.3145, 0.3955



10.7466, 0.3194, 0.3147



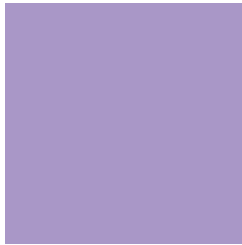
8.7678, 0.4424, 0.2211



0.4289, 0.4107, 0.2036

Previews

White Background



This preview shows how the Yxy color 34.6918, 0.2877, 0.2645 looks on a white background.

Color Contrast Check

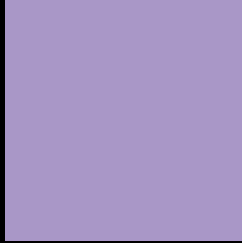
Large Text (above 18pt) WCAG AA × Fail

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 34.6918, 0.2877, 0.2645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

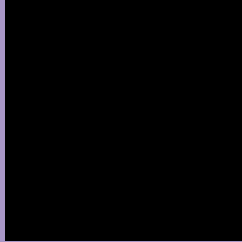
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6918, 0.2877, 0.2645

Background



This preview shows how black text looks on a background with the Yxy color 34.6918, 0.2877, 0.2645.



This preview shows how white text looks on a background with the Yxy color 34.6918, 0.2877, 0.2645.

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

34.6918, 0.2877, 0.2645

Protanopia

34.6766, 0.2658, 0.2634

Deuteranopia

34.8227, 0.2766, 0.2706



Tritanopia

34.8710, 0.3087, 0.3118

Trichromacy



Original Color

34.6918, 0.2877, 0.2645

Protanomaly

34.6755, 0.2735, 0.2642

Deuteranomaly

34.6620, 0.2807, 0.2685

Tritanomaly

34.8450, 0.3010, 0.2939

Monochromacy



Original Color

34.6918, 0.2877, 0.2645

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.5482, 0.3044, 0.3049

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6918, 0.2877, 0.2645 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(169, 151, 199)` looks like.

```
.text, #text, p{  
    color:rgb(169, 151, 199)  
}
```

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(169, 151, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 151, 199) }
```

Border

The CSS property to change the border of an element to Yxy 34.6918, 0.2877, 0.2645 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(169, 151, 199) }
```

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

```
.border{ border-color:rgb(169, 151, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 151, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 151, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 151, 199);  
box-shadow:4px 4px 4px 4px rgb(169, 151,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6918, 0.2877, 0.2645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 151, 199) }
```

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

```
.background{ background-color: rgb(169,  
151, 199) }
```

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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