

Converting Colors

$Y_{xy}(34.4247, 0.2887, 0.2657)$

Have a look what the booklet for
Yxy(34.4247, 0.2887, 0.2657)
contains.

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Color

Yxy(34.5995, 0.2893, 0.2669)

Conversions

Conversions Part 1

Format	Color
Hex	A997C5
RGB	169, 151, 197
RGB Percent	66%, 59%, 77%
CMY	0.3374, 0.4078, 0.2274
CMYK	0.14, 0.23, 0.00, 0.23
HSL	263°, 28%, 68%
HSV	263°, 23%, 77%
XYZ	37.5033, 34.5995, 57.5319
YIQ	161.6260, -4.0380, 18.1220

Conversions

Conversions Part 2

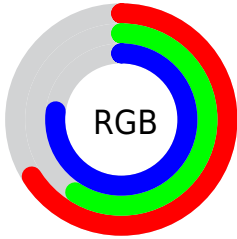
Format	Color
RYB	169, 151, 197
Decimal	11114437
CIELab	65.44, 15.71, -21.28
CIELCh	65, 26.455, 306.442
Yxy	34.5995, 0.2893, 0.2669
Android (android.graphics.Color)	4289304517 (0xFFA997C5)
YUV	161.6260, 17.4394, 6.4670
Hunter-Lab	58.8213, 10.8707, -16.8153

Details

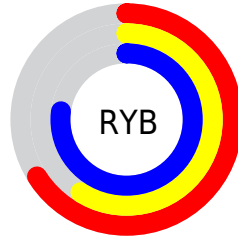
The Yxy color **34.5995, 0.2893, 0.2669** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.7627, 0.3323, 0.3896**, and the grayscale version is **35.8654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8260, 0.2942, 0.2778**, and **14.8105, 0.2810, 0.2489** is the 20% darker color. If you saturate the color by 10%, you get **27.5125, 0.2768, 0.2370**, and if you desaturate by 10%, it is **42.8710, 0.3003, 0.2950**.

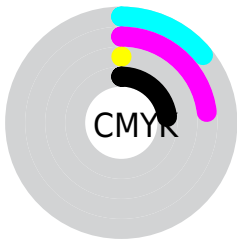
Distribution



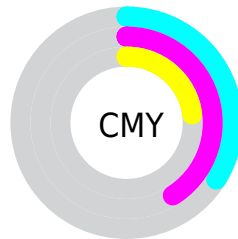
- Red (66%)
- Green (59%)
- Blue (77%)



- Red (66%)
- Yellow (59%)
- Blue (77%)



- Cyan (14%)
- Magenta (23%)
- Yellow (0%)
- Black (23%)





- Cyan (34%)
- Magenta (41%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5995, 0.2893, 0.2669 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 34.5995, 0.2893, 0.2669 by changing the saturation by 10% instead.


 34.5995, 0.2893,
0.2669


 34.5995, 0.2893,
0.2669


322.7970, 0.3019,
0.2982

 23.3545, 0.2859,
0.2591


 66.8649, 0.2941,
0.2783

 14.8555, 0.2814,
0.2490


 88.6540, 0.2958,
0.2826

 8.7180, 0.2751,
0.2357


114.7268, 0.2972,
0.2862

 4.5577, 0.2658,
0.2172

145.4674, 0.2985,
0.2893

 1.9902, 0.2510,
0.1900

181.2603, 0.2995,
0.2919

 0.6018, 0.2260,
0.1415

222.4900, 0.3004,

 0.0000, 0.0000,

0.2943

0.0000

269.5407, 0.3012,
0.2963

■ 34.5995, 0.2893,
0.2669

■ 34.5995, 0.2893,
0.2669

■ 27.5125, 0.2768,
0.2370

■ 42.8710, 0.3003,
0.2950

■ 21.5499, 0.2629,
0.2060

■ 52.3748, 0.3098,
0.3209

■ 16.6524, 0.2480,
0.1753


■ 63.1612, 0.3180,
0.3443

■ 12.7538, 0.2325,
0.1462


■ 75.2766, 0.3249,
0.3653


■ 9.7799, 0.2171,
0.1204


■ 88.7648, 0.3307,
0.3840


 7.6457, 0.2027,
0.0997

 94.2571, 0.3379,
0.3878

 6.2494, 0.1899,
0.0850

 96.4409, 0.3459,
0.3862

 5.6064, 0.1825,
0.0779

 96.8118, 0.3472,
0.3860

Harmonies

Analogous

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



34.5995, 0.2567, 0.2634



34.5995, 0.2893, 0.2669



34.5995, 0.3304, 0.2845

Triad

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



34.5995, 0.2893, 0.2669



34.5995, 0.3913, 0.3766



34.5995, 0.2584, 0.3434

Complementary

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



34.5995, 0.2893, 0.2669



51.7627, 0.3323, 0.3896

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.



34.5995, 0.2918, 0.3806



34.5995, 0.2893, 0.2669



34.5995, 0.3690, 0.3982

Square

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



34.5995, 0.2893, 0.2669



34.5995, 0.3915, 0.3452



34.5995, 0.3323, 0.4011



34.5995, 0.2399, 0.3044

Rectangle

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



34.5995, 0.2893, 0.2669



34.5995, 0.3571, 0.3022



34.5995, 0.3323, 0.4011



34.5995, 0.2682, 0.3568

Sweetspot

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



34.6009, 0.2893, 0.2669



87.1298, 0.3064, 0.3114



43.0045, 0.2766, 0.3047



18.4234, 0.3059, 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.



34.6009, 0.2893, 0.2669



55.2547, 0.2831, 0.2519



37.3292, 0.3103, 0.2707



10.4860, 0.3043, 0.3055



3.7322, 0.1838, 0.0786



0.2184, 0.2081, 0.0920

Inverse Universe

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



37.2658, 0.3322, 0.2931



60.9278, 0.3376, 0.2849



49.2786, 0.3139, 0.3932



10.7437, 0.3196, 0.3150



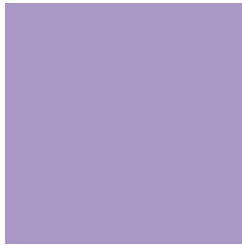
8.7177, 0.4487, 0.2245



0.4267, 0.4152, 0.2061

Previews

White Background



This preview shows how the Yxy color 34.5995, 0.2893, 0.2669 looks on a white background.

Color Contrast Check

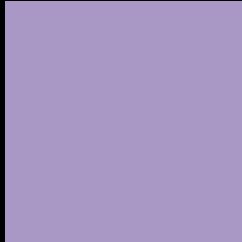
Large Text (above 18pt) WCAG AA × Fail

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 34.5995, 0.2893, 0.2669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

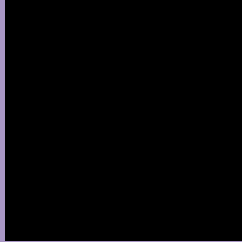
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5995, 0.2893, 0.2669

Background



This preview shows how black text looks on a background with the Yxy color 34.5995, 0.2893, 0.2669.



This preview shows how white text looks on a background with the Yxy color 34.5995, 0.2893, 0.2669.

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

34.5995, 0.2893, 0.2669

Protanopia

34.6269, 0.2687, 0.2673

Deuteranopia

34.8304, 0.2790, 0.2733



Tritanopia

34.5340, 0.3088, 0.3103

Trichromacy



Original Color

34.5995, 0.2893, 0.2669

Protanomaly

34.6807, 0.2759, 0.2668

Deuteranomaly

34.6738, 0.2832, 0.2711

Tritanomaly

34.4729, 0.3019, 0.2938

Monochromacy



Original Color

34.5995, 0.2893, 0.2669

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 34.5995, 0.2893, 0.2669 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(169, 151, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 151, 197) }
```

Border

The CSS property to change the border of an element to Yxy 34.5995, 0.2893, 0.2669 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, 197) }
```

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

```
.border{ border-color:rgb(169, 151, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 151, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 151, 197); box-shadow:4px 4px 4px 4px rgb(169, 151, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5995, 0.2893, 0.2669 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, 197) }
```

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

```
.background{ background-color: rgb(169,  
151, 197) }
```

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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