

Converting Colors

Yxy(34.2147, 0.2876, 0.2641)

Have a look what the booklet for
Yxy(34.2147, 0.2876, 0.2641)
contains.

Yxy(34.2147, 0.2876, 0.2641)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.2147, 0.2876, 0.2641)

Conversions

Conversions Part 1

Format	Color
Hex	A896C6
RGB	168, 150, 198
RGB Percent	66%, 59%, 78%
CMY	0.3409, 0.4118, 0.2234
CMYK	0.15, 0.24, 0.00, 0.22
HSL	263°, 30%, 68%
HSV	263°, 24%, 78%
XYZ	37.2592, 34.2147, 58.0782
YIQ	160.8540, -4.6800, 18.7440

Conversions

Conversions Part 2

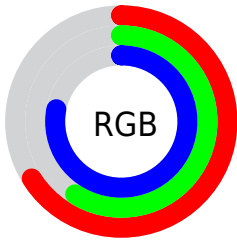
Format	Color
R_{YB}	168, 150, 198
Decimal	11048646
CIE _{Lab}	65.13, 16.22, -22.31
CIE _{LCh}	65, 27.589, 306.018
Yxy	34.2147, 0.2876, 0.2641
Android (android.graphics.Color)	4289238726 (0xFFA896C6)
YUV	160.8540, 18.3130, 6.2670
Hunter-Lab	58.4933, 11.3379, -17.9239

Details

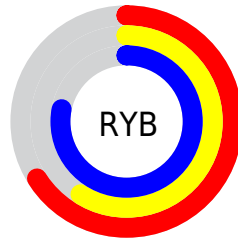
The Yxy color $34.2147, 0.2876, 0.2641$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $52.2947, 0.3337, 0.3920$, and the grayscale version is $35.4883, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.2530, 0.2929, 0.2757$, and $14.5821, 0.2785, 0.2452$ is the 20% darker color. If you saturate the color by 10%, you get $27.1302, 0.2747, 0.2339$, and if you desaturate by 10%, it is $42.4986, 0.2990, 0.2925$.

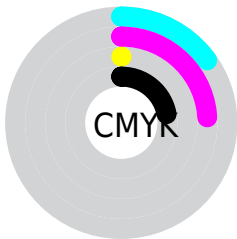
Distribution



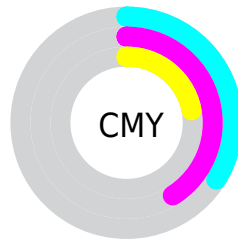
- Red (66%)
- Green (59%)
- Blue (78%)



- 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 34.2147, 0.2876, 0.2641 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 34.2147, 0.2876, 0.2641 by changing the saturation by 10% instead.


 34.2147, 0.2876,
0.2641


 34.2147, 0.2876,
0.2641


321.0883, 0.3011,
0.2968

 23.0586, 0.2839,
0.2559


 66.2674, 0.2927,
0.2760

 14.6368, 0.2791,
0.2454


 87.9328, 0.2946,
0.2805

 8.5649, 0.2723,
0.2315


113.8700, 0.2961,
0.2842

 4.4585, 0.2624,
0.2123

144.4636, 0.2974,
0.2875

 1.9332, 0.2466,
0.1842

180.0978, 0.2985,
0.2903

 0.5682, 0.2202,
0.1331

221.1570, 0.2995,

 0.0000, 0.0000,

0.2927

0.0000

268.0258, 0.3004,
0.2949

■ 34.2147, 0.2876,
0.2641

■ 34.2147, 0.2876,
0.2641

■ 27.1302, 0.2747,
0.2339

■ 42.4986, 0.2990,
0.2925

■ 21.1836, 0.2604,
0.2028

■ 52.0310, 0.3089,
0.3186

■ 16.3143, 0.2450,
0.1718

■ 62.8632, 0.3174,
0.3423

■ 12.4542, 0.2292,
0.1428

■ 75.0427, 0.3246,
0.3635

■ 9.5270, 0.2137,
0.1173

■ 88.6142, 0.3307,
0.3824

■ 7.4451, 0.1992,
0.0969

■ 94.5026, 0.3380,
0.3866

■ 6.1029, 0.1866,
0.0827

■ 96.7639, 0.3462,
0.3850

■ 5.5553, 0.1803,
0.0767

■ 96.8582, 0.3466,
0.3850

Harmonies

Analogous

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



34.2147, 0.2539, 0.2606



34.2147, 0.2876, 0.2641



34.2147, 0.3305, 0.2822

Triad

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



34.2147, 0.2876, 0.2641



34.2147, 0.3951, 0.3781



34.2147, 0.2564, 0.3446

Complementary

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



34.2147, 0.2876, 0.2641



52.2947, 0.3337, 0.3920

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.



34.2147, 0.2913, 0.3836



34.2147, 0.2876, 0.2641



34.2147, 0.3719, 0.4012

Square

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



34.2147, 0.2876, 0.2641



34.2147, 0.3951, 0.3452



34.2147, 0.3336, 0.4047



34.2147, 0.2368, 0.3037

Rectangle

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



34.2147, 0.2876, 0.2641



34.2147, 0.3586, 0.3006



34.2147, 0.3336, 0.4047



34.2147, 0.2666, 0.3587

Sweetspot

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



34.2161, 0.2876, 0.2641



87.0849, 0.3063, 0.3114



43.3668, 0.2753, 0.3048



18.4130, 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.



34.2161, 0.2876, 0.2641



53.8266, 0.2811, 0.2487



37.0407, 0.3094, 0.2682



10.4787, 0.3040, 0.3055



3.6573, 0.1816, 0.0774



0.2145, 0.2059, 0.0908

Inverse Universe

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



37.1076, 0.3325, 0.2908



59.8833, 0.3378, 0.2823



49.7053, 0.3145, 0.3959



10.7463, 0.3194, 0.3147



8.7624, 0.4430, 0.2214



0.4286, 0.4111, 0.2039

Previews

White Background



This preview shows how the Yxy color 34.2147, 0.2876, 0.2641 looks on a white background.

Color Contrast Check

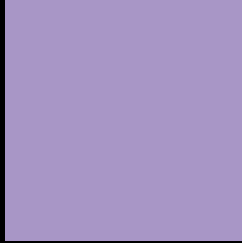
Large Text (above 18pt) WCAG AA × Fail

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 34.2147, 0.2876, 0.2641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

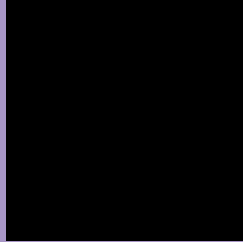
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2147, 0.2876, 0.2641

Background



This preview shows how black text looks on a background with the Yxy color 34.2147, 0.2876, 0.2641.



This preview shows how white text looks on a background with the Yxy color 34.2147, 0.2876, 0.2641.

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

34.2147, 0.2876, 0.2641

Protanopia

34.1997, 0.2655, 0.2631

Deuteranopia

34.3439, 0.2764, 0.2703



Tritanopia

34.3906, 0.3087, 0.3117

Trichromacy



Original Color

34.2147, 0.2876, 0.2641

Protanomaly

34.1983, 0.2733, 0.2638

Deuteranomaly

34.1846, 0.2806, 0.2681

Tritanomaly

34.3652, 0.3009, 0.2937

Monochromacy



Original Color

34.2147, 0.2876, 0.2641

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.0624, 0.3043, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2147, 0.2876, 0.2641 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(168, 150, 198)` looks like.

```
.text, #text, p{  
    color:rgb(168, 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(168, 150, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 150, 198) }
```

Border

The CSS property to change the border of an element to Yxy 34.2147, 0.2876, 0.2641 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(168, 150, 198) }
```

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

```
.border{ border-color:rgb(168, 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(168, 150, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 150, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 150, 198);  
box-shadow:4px 4px 4px 4px rgb(168, 150,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2147, 0.2876, 0.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 150, 198) }
```

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

```
.background{ background-color: rgb(168,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor