

Converting Colors

$Y_{xy}(25.3574, 0.3340, 0.2930)$

Have a look what the booklet for
Yxy(25.3574, 0.3340, 0.2930)
contains.

Yxy(25.3392, 0.3343, 0.2931)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.3392, 0.3343, 0.2931)

Conversions

Conversions Part 1

Format	Color
Hex	A77E96
RGB	167, 126, 150
RGB Percent	65%, 49%, 59%
CMY	0.3451, 0.5059, 0.4119
CMYK	0.00, 0.25, 0.10, 0.35
HSL	325°, 19%, 57%
HSV	325°, 25%, 65%
XYZ	28.9010, 25.3392, 32.2122
YIQ	140.9950, 16.7320, 16.1560

Conversions

Conversions Part 2

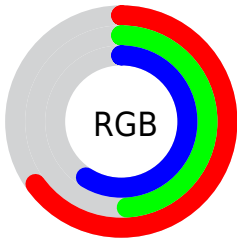
Format	Color
RYB	167, 126, 150
Decimal	10976918
CIELab	57.40, 19.83, -6.71
CIELCh	57, 20.929, 341.312
Yxy	25.3392, 0.3343, 0.2931
Android (android.graphics.Color)	4289166998 (0xFFA77E96)
YUV	140.9950, 4.4395, 22.8064
Hunter-Lab	50.3381, 14.3922, -2.7040

Details

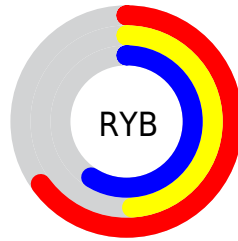
The Yxy color $25.3392, 0.3343, 0.2931$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $34.0586, 0.2958, 0.3679$, and the grayscale version is $26.6116, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.2878, 0.3303, 0.3006$, and $9.7860, 0.3414, 0.2820$ is the 20% darker color. If you saturate the color by 10%, you get $21.2029, 0.3460, 0.2779$, and if you desaturate by 10%, it is $30.2040, 0.3244, 0.3082$.

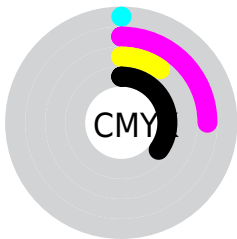
Distribution



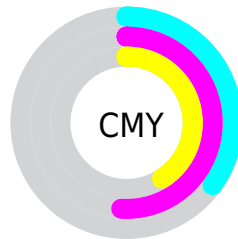
- Red (65%)
- Green (49%)
- Blue (59%)



- Red (65%)
- Yellow (49%)
- Blue (59%)



- Cyan (0%)
- Magenta (25%)
- Yellow (10%)
- Black (35%)




- Cyan (35%)
- Magenta (51%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3392, 0.3343, 0.2931 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 25.3392, 0.3343, 0.2931 by changing the saturation by 10% instead.


 25.3392, 0.3343,
0.2931


 25.3392, 0.3343,
0.2931

279.5230, 0.3227,
0.3124


 16.3300, 0.3375,
0.2878


 52.2070, 0.3299,
0.3004

 9.7579, 0.3419,
0.2807


 70.8343, 0.3282,
0.3031

 5.2388, 0.3480,
0.2707


 93.4364, 0.3269,
0.3053

 2.3880, 0.3575,
0.2554

120.3977, 0.3258,
0.3071

 0.8197, 0.3740,
0.2293

152.1027, 0.3248,
0.3087

 0.0000, 0.5748,
0.0000

188.9356, 0.3240,

 0.0000, 0.0000,

0.3101

0.0000

231.2809, 0.3233,
0.3113

■ 25.3392, 0.3343,
0.2931

■ 25.3392, 0.3343,
0.2931

■ 21.2029, 0.3460,
0.2779

■ 30.2040, 0.3244,
0.3082

■ 17.7560, 0.3595,
0.2630

■ 35.8270, 0.3160,
0.3227

■ 14.9612, 0.3749,
0.2494


■ 42.2404, 0.3091,
0.3364

■ 12.7759, 0.3921,
0.2381


■ 49.4735, 0.3033,
0.3491


■ 11.1525, 0.4105,
0.2301


■ 57.5543, 0.2984,
0.3610


 10.0365, 0.4296,
0.2266

 66.5091, 0.2944,
0.3718

 9.3615, 0.4486,
0.2282

 76.3633, 0.2911,
0.3818

 9.0910, 0.4590,
0.2302

 84.1658, 0.2880,
0.3862

 84.5092, 0.2845,
0.3779

Harmonies

Analogous

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



25.3392, 0.2979, 0.2757



25.3392, 0.3343, 0.2931



25.3392, 0.3662, 0.3191

Triad

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



25.3392, 0.3343, 0.2931



25.3392, 0.3578, 0.3915



25.3392, 0.2471, 0.3029

Complementary

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



25.3392, 0.3343, 0.2931



34.0586, 0.2958, 0.3679

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.



25.3392, 0.2612, 0.3361



25.3392, 0.3343, 0.2931



25.3392, 0.3244, 0.3902

Square

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



25.3392, 0.3343, 0.2931



25.3392, 0.3798, 0.3752



25.3392, 0.2891, 0.3693



25.3392, 0.2492, 0.2796

Rectangle

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



25.3392, 0.3343, 0.2931



25.3392, 0.3796, 0.3387



25.3392, 0.2891, 0.3693



25.3392, 0.2500, 0.3132

Sweetspot

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



25.3403, 0.3343, 0.2931



61.4321, 0.3181, 0.3190



23.5000, 0.2886, 0.2643



13.6170, 0.3185, 0.3182



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



25.3403, 0.3343, 0.2931



41.5352, 0.3399, 0.2855



24.7536, 0.3578, 0.3228



7.6131, 0.3198, 0.3159



6.9662, 0.4574, 0.2293



0.1793, 0.4016, 0.1986

Inverse Universe

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



25.3403, 0.3343, 0.2931



41.5352, 0.3399, 0.2855



34.7154, 0.2804, 0.3354



7.6131, 0.3198, 0.3159



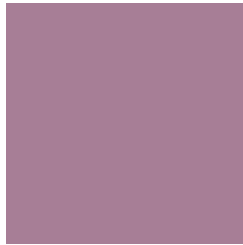
6.9662, 0.4574, 0.2293



0.1793, 0.4016, 0.1986

Previews

White Background



This preview shows how the Yxy color 25.3392, 0.3343, 0.2931 looks on a white background.

Color Contrast Check

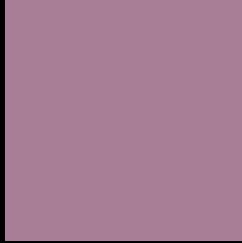
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3392, 0.3343, 0.2931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

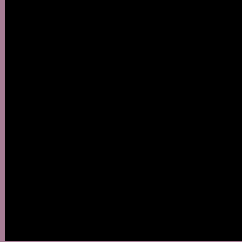
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3392, 0.3343, 0.2931

Background



This preview shows how black text looks on a background with the Yxy color 25.3392, 0.3343, 0.2931.



This preview shows how white text looks on a background with the Yxy color 25.3392, 0.3343, 0.2931.

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

25.3392, 0.3343, 0.2931

Protanopia

25.4765, 0.2910, 0.2963

Deuteranopia

25.3914, 0.3127, 0.3065



Tritanopia

25.2727, 0.3454, 0.3137

Trichromacy



Original Color

25.3392, 0.3343, 0.2931

Protanomaly

25.3112, 0.3066, 0.2956

Deuteranomaly

25.2726, 0.3197, 0.3007

Tritanomaly

25.2387, 0.3422, 0.3062

Monochromacy



Original Color

25.3392, 0.3343, 0.2931

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.1060, 0.3200, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3392, 0.3343, 0.2931 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(167, 126, 150)` looks like.

```
.text, #text, p{  
    color:rgb(167, 126, 150)  
}
```

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(167, 126, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 126, 150) }
```

Border

The CSS property to change the border of an element to Yxy 25.3392, 0.3343, 0.2931 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(167, 126, 150) }
```

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

```
.border{ border-color:rgb(167, 126, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 126, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 126, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 126, 150);  
box-shadow:4px 4px 4px 4px rgb(167, 126,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3392, 0.3343, 0.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 126, 150) }
```

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

```
.background{ background-color: rgb(167,  
126, 150) }
```

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