

Converting Colors

$Y_{xy}(15.6982, 0.3140, 0.2669)$

Have a look what the booklet for
Yxy(15.6982, 0.3140, 0.2669)
contains.

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Color

Yxy(15.6315, 0.3143, 0.2664)

Conversions

Conversions Part 1

Format	Color
Hex	856386
RGB	133, 99, 134
RGB Percent	52%, 39%, 53%
CMY	0.4783, 0.6118, 0.4745
CMYK	0.01, 0.26, 0.00, 0.47
HSL	298°, 15%, 46%
HSV	298°, 26%, 53%
XYZ	18.4421, 15.6315, 24.6032
YIQ	113.1560, 9.0290, 18.0930

Conversions

Conversions Part 2

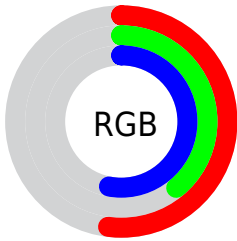
Format	Color
R_{YB}	133, 99, 134
Decimal	8741766
CIE _{Lab}	46.49, 20.12, -14.08
CIE _{LCh}	46, 24.559, 325.018
Yxy	15.6315, 0.3143, 0.2664
Android (android.graphics.Color)	4286931846 (0xFF856386)
YUV	113.1560, 10.2761, 17.4032
Hunter-Lab	39.5367, 14.0731, -9.2197

Details

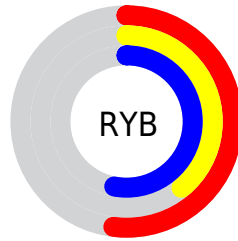
The Yxy color **15.6315, 0.3143, 0.2664** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.6612, 0.3104, 0.4001**, and the grayscale version is **16.5301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9653, 0.3150, 0.2806**, and **4.9351, 0.3145, 0.2427** is the 20% darker color. If you saturate the color by 10%, you get **13.2702, 0.3148, 0.2426**, and if you desaturate by 10%, it is **18.4157, 0.3137, 0.2907**.

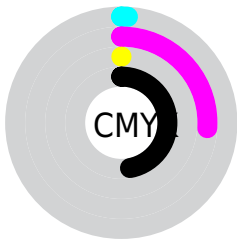
Distribution



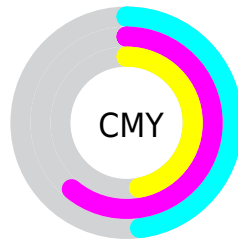
- Red (52%)
- Green (39%)
- Blue (53%)



- Red (52%)
- Yellow (39%)
- Blue (53%)



- Cyan (1%)
- Magenta (26%)
- Yellow (0%)
- Black (47%)





- Cyan (48%)
- Magenta (61%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.6315, 0.3143, 0.2664 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 15.6315, 0.3143, 0.2664 by changing the saturation by 10% instead.


 15.6315, 0.3143,
0.2664


 15.6315, 0.3143,
0.2664


227.1573, 0.3140,
0.3018


 9.2638, 0.3141,
0.2559


 35.9573, 0.3144,
0.2804


 4.9136, 0.3135,
0.2413


 50.6841, 0.3143,
0.2853

 2.1967, 0.3121,
0.2195

 68.9661, 0.3143,
0.2893

 0.7182, 0.3090,
0.1820

 91.1877, 0.3142,
0.2926

 0.0000, 0.1781,
0.0000

117.7332, 0.3142,
0.2954

 0.0000, 0.0000,
0.0000

148.9870, 0.3141,

0.2979

185.3336, 0.3140,
0.2999

■ 15.6315, 0.3143,
0.2664

■ 15.6315, 0.3143,
0.2664

■ 13.2702, 0.3148,
0.2426

■ 18.4157, 0.3137,
0.2907

■ 11.3088, 0.3151,
0.2201

■ 21.6400, 0.3131,
0.3147

■ 9.7257, 0.3153,
0.1997

■ 25.3234, 0.3125,
0.3378

■ 8.4959, 0.3153,
0.1822

■ 29.4828, 0.3118,
0.3599

■ 7.5918, 0.3152,
0.1684

■ 34.1346, 0.3111,
0.3804

6.9816, 0.3148,
0.1586

39.2942, 0.3105,
0.3995

6.6126, 0.3143,
0.1525

44.9764, 0.3098,
0.4169

6.4886, 0.3141,
0.1504

51.1954, 0.3092,
0.4328

57.9650, 0.3087,
0.4472

Harmonies

Analogous

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



15.6315, 0.2677, 0.2514



15.6315, 0.3143, 0.2664



15.6315, 0.3641, 0.2951

Triad

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



15.6315, 0.3143, 0.2664



15.6315, 0.3931, 0.4039



15.6315, 0.2316, 0.3156

Complementary

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



15.6315, 0.3143, 0.2664



20.6612, 0.3104, 0.4001

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.



15.6315, 0.2607, 0.3650



15.6315, 0.3143, 0.2664



15.6315, 0.3536, 0.4187

Square

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



15.6315, 0.3143, 0.2664



15.6315, 0.4112, 0.3713



15.6315, 0.3051, 0.4051



15.6315, 0.2229, 0.2756

Rectangle

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



15.6315, 0.3143, 0.2664



15.6315, 0.3910, 0.3193



15.6315, 0.3051, 0.4051



15.6315, 0.2391, 0.3318

Sweetspot

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



15.6322, 0.3143, 0.2664



36.8966, 0.3132, 0.3098



13.5177, 0.2698, 0.2601



8.1365, 0.3133, 0.3066



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



15.6322, 0.3143, 0.2664



25.1398, 0.3146, 0.2531



15.2908, 0.3381, 0.2946



4.7564, 0.3133, 0.3076



6.0805, 0.3142, 0.1504



0.0216, 0.3178, 0.1524

Inverse Universe

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



14.9101, 0.3642, 0.3273



23.6619, 0.3794, 0.3269



20.9506, 0.2934, 0.3662



4.6907, 0.3275, 0.3284



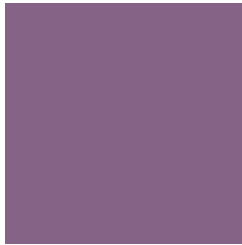
4.7577, 0.6356, 0.3275



0.0166, 0.6158, 0.3166

Previews

White Background



This preview shows how the Yxy color 15.6315, 0.3143, 0.2664 looks on a white background.

Color Contrast Check

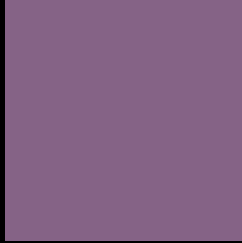
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 15.6315, 0.3143, 0.2664 looks on a black 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

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

Yxy 15.6315, 0.3143, 0.2664

Background



This preview shows how black text looks on a background with the Yxy color 15.6315, 0.3143, 0.2664.



This preview shows how white text looks on a background with the Yxy color 15.6315, 0.3143, 0.2664.

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

15.6315, 0.3143, 0.2664

Protanopia

15.6851, 0.2678, 0.2666

Deuteranopia

15.7061, 0.2866, 0.2821



Tritanopia

15.5940, 0.3407, 0.3139

Trichromacy



Original Color

15.6315, 0.3143, 0.2664

Protanomaly

15.4488, 0.2833, 0.2661

Deuteranomaly

15.6482, 0.2954, 0.2758

Tritanomaly

15.6599, 0.3312, 0.2974

Monochromacy



Original Color

15.6315, 0.3143, 0.2664

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.0987, 0.3125, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.6315, 0.3143, 0.2664 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(133, 99, 134)` looks like.

```
.text, #text, p{  
    color:rgb(133, 99, 134)  
}
```

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(133, 99, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 99, 134) }
```

Border

The CSS property to change the border of an element to Yxy 15.6315, 0.3143, 0.2664 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(133, 99, 134) }
```

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

```
.border{ border-color:rgb(133, 99, 134) }
```

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

Here you see how a box with a 4 pixel rgb(133, 99, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 99, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 99, 134);  
box-shadow:4px 4px 4px 4px rgb(133, 99,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 15.6315, 0.3143, 0.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 99, 134) }
```

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

```
.background{ background-color: rgb(133, 99,  
134) }
```

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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