

Converting Colors

$Y_{xy}(15.1098, 0.3479, 0.2430)$

Have a look what the booklet for
Yxy(15.1098, 0.3479, 0.2430)
contains.

Yxy(15.1098, 0.3479, 0.2430)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.1098, 0.3479, 0.2430)

Conversions

Conversions Part 1

Format	Color
Hex	9E5289
RGB	158, 82, 137
RGB Percent	62%, 32%, 54%
CMY	0.3804, 0.6784, 0.4628
CMYK	0.00, 0.48, 0.13, 0.38
HSL	317°, 32%, 47%
HSV	317°, 48%, 62%
XYZ	21.6325, 15.1098, 25.4379
YIQ	110.9940, 27.6410, 33.2170

Conversions

Conversions Part 2

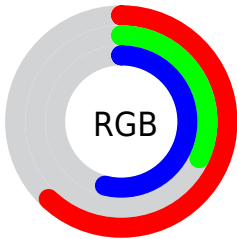
Format	Color
RYB	158, 82, 137
Decimal	10375817
CIELab	45.78, 38.96, -16.65
CIELCh	46, 42.375, 336.857
Yxy	15.1098, 0.3479, 0.2430
Android (android.graphics.Color)	4288565897 (0xFF9E5289)
YUV	110.9940, 12.8210, 41.2243
Hunter-Lab	38.8713, 31.3133, -11.5903

Details

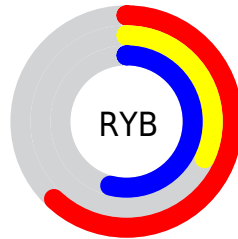
The Yxy color **15.1098, 0.3479, 0.2430** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.2280, 0.2904, 0.4355**, and the grayscale version is **15.8511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.0640, 0.3407, 0.2623**, and **4.7244, 0.3617, 0.2119** is the 20% darker color. If you saturate the color by 10%, you get **12.8727, 0.3580, 0.2274**, and if you desaturate by 10%, it is **17.9021, 0.3387, 0.2604**.

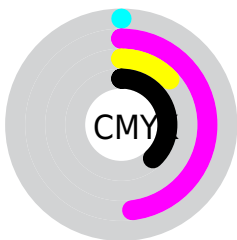
Distribution



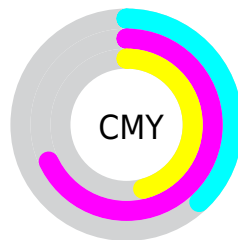
- Red (62%)
- Green (32%)
- Blue (54%)



- Red (62%)
- Yellow (32%)
- Blue (54%)



- Cyan (0%)
- Magenta (48%)
- Yellow (13%)
- Black (38%)





- Cyan (38%)
- Magenta (68%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1098, 0.3479, 0.2430 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 15.1098, 0.3479, 0.2430 by changing the saturation by 10% instead.


 15.1098, 0.3479,
0.2430


 15.1098, 0.3479,
0.2430


224.0299, 0.3286,
0.2906


 8.8965, 0.3533,
0.2294


 35.0457, 0.3404,
0.2615


 4.6737, 0.3607,
0.2109


 49.5370, 0.3378,
0.2681


 2.0571, 0.3710,
0.1842

 67.5565, 0.3356,
0.2735

 0.6403, 0.3883,
0.1394

 89.4886, 0.3337,
0.2781

 0.0000, 0.4362,
0.0000

 115.7175, 0.3322,
0.2819

 0.0000, 0.0000,
0.0000

146.6278, 0.3308,

0.2852

182.6038, 0.3296,
0.2881

■ 15.1098, 0.3479,
0.2430

■ 15.1098, 0.3479,
0.2430

■ 12.8727, 0.3580,
0.2274

■ 17.9021, 0.3387,
0.2604

■ 11.1504, 0.3689,
0.2145

■ 21.2820, 0.3305,
0.2786

■ 9.9004, 0.3801,
0.2054

■ 25.2821, 0.3233,
0.2970

■ 9.0726, 0.3914,
0.2007

■ 29.9318, 0.3171,
0.3150

■ 8.5755, 0.4025,
0.2003

■ 35.2588, 0.3118,
0.3322

■ 8.4912, 0.4047,
0.2003

■ 41.2889, 0.3073,
0.3484

■ 48.0469, 0.3035,
0.3636

■ 55.5561, 0.3004,
0.3776

■ 63.8390, 0.2977,
0.3904

Harmonies

Analogous

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



15.1098, 0.2634, 0.2108



15.1098, 0.3479, 0.2430



15.1098, 0.4319, 0.2927

Triad

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



15.1098, 0.3479, 0.2430



15.1098, 0.4196, 0.4676



15.1098, 0.1707, 0.2702

Complementary

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



15.1098, 0.3479, 0.2430



27.2280, 0.2904, 0.4355

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.



15.1098, 0.2013, 0.3548



15.1098, 0.3479, 0.2430



15.1098, 0.3434, 0.4882

Square

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



15.1098, 0.3479, 0.2430



15.1098, 0.4715, 0.4136



15.1098, 0.2634, 0.4454



15.1098, 0.1718, 0.2194

Rectangle

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



15.1098, 0.3479, 0.2430



15.1098, 0.4692, 0.3315



15.1098, 0.2634, 0.4454



15.1098, 0.1772, 0.2952

Sweetspot

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



15.1105, 0.3479, 0.2430



48.9984, 0.3208, 0.3040



11.3448, 0.2458, 0.1897



10.6694, 0.3221, 0.3002



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



15.1105, 0.3479, 0.2430



23.0103, 0.3591, 0.2259



14.2198, 0.4099, 0.3004



6.7233, 0.3177, 0.3130



6.8073, 0.4038, 0.1998



0.1284, 0.3645, 0.1782

Inverse Universe

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



15.1105, 0.3479, 0.2430



23.0103, 0.3591, 0.2259



28.1497, 0.2627, 0.3614



6.7233, 0.3177, 0.3130



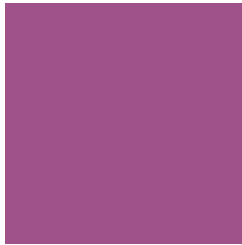
6.8073, 0.4038, 0.1998



0.1284, 0.3645, 0.1782

Previews

White Background



This preview shows how the Yxy color 15.1098, 0.3479, 0.2430 looks on a white background.

Color Contrast Check

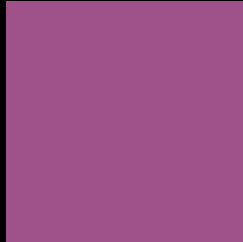
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1098, 0.3479, 0.2430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

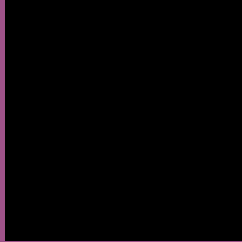
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.1098, 0.3479, 0.2430

Background



This preview shows how black text looks on a background with the Yxy color 15.1098, 0.3479, 0.2430.



This preview shows how white text looks on a background with the Yxy color 15.1098, 0.3479, 0.2430.

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

15.1098, 0.3479, 0.2430

Protanopia

15.2954, 0.2452, 0.2363

Deuteranopia

15.3970, 0.2829, 0.2779



Tritanopia

15.2153, 0.4033, 0.3192

Trichromacy



Original Color

15.1098, 0.3479, 0.2430

Protanomaly

14.6872, 0.2755, 0.2362

Deuteranomaly

14.8922, 0.3048, 0.2627

Tritanomaly

15.1179, 0.3815, 0.2894

Monochromacy



Original Color

15.1098, 0.3479, 0.2430

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.0596, 0.3259, 0.2913

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1098, 0.3479, 0.2430 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(158, 82, 137)` looks like.

```
.text, #text, p{  
    color:rgb(158, 82, 137)  
}
```

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(158, 82, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 82, 137) }
```

Border

The CSS property to change the border of an element to Yxy 15.1098, 0.3479, 0.2430 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(158, 82, 137) }
```

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

```
.border{ border-color:rgb(158, 82, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 82, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 82, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 82, 137);  
box-shadow:4px 4px 4px 4px rgb(158, 82,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1098, 0.3479, 0.2430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 82, 137) }
```

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

```
.background{ background-color: rgb(158, 82,  
137) }
```

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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