

Converting Colors

$Y_{xy}(15.2687, 0.3497, 0.2822)$

Have a look what the booklet for
Yxy(15.2687, 0.3497, 0.2822)
contains.

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Color

Yxy(15.3152, 0.3490, 0.2820)

Conversions

Conversions Part 1

Format	Color
Hex	905E79
RGB	144, 94, 121
RGB Percent	56%, 37%, 47%
CMY	0.4353, 0.6313, 0.5256
CMYK	0.00, 0.35, 0.16, 0.44
HSL	328°, 21%, 47%
HSV	328°, 35%, 56%
XYZ	18.9539, 15.3152, 20.0401
YIQ	112.0280, 21.1330, 18.9970

Conversions

Conversions Part 2

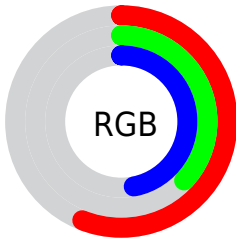
Format	Color
R_{YB}	144, 94, 121
Decimal	9461369
CIE Lab	46.06, 24.60, -6.76
CIE LCh	46, 25.516, 344.637
Yxy	15.3152, 0.3490, 0.2820
Android (android.graphics.Color)	4287651449 (0xFF905E79)
YUV	112.0280, 4.4232, 28.0394
Hunter-Lab	39.1346, 17.9665, -2.9670

Details

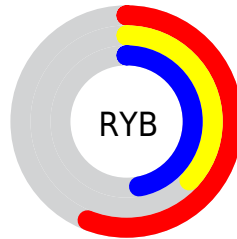
The Yxy color **15.3152, 0.3490, 0.2820** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.6102, 0.2877, 0.3816**, and the grayscale version is **16.1943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4100, 0.3412, 0.2931**, and **4.7762, 0.3650, 0.2642** is the 20% darker color. If you saturate the color by 10%, you get **12.8321, 0.3639, 0.2684**, and if you desaturate by 10%, it is **18.2887, 0.3363, 0.2960**.

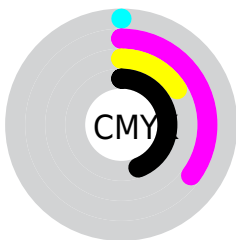
Distribution



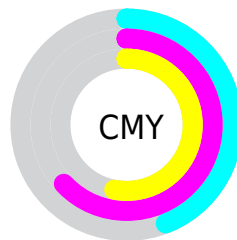
- Red (56%)
- Green (37%)
- Blue (47%)



- Red (56%)
- Yellow (37%)
- Blue (47%)



- Cyan (0%)
- Magenta (35%)
- Yellow (16%)
- Black (44%)





- Cyan (44%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.3152, 0.3490, 0.2820 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 15.3152, 0.3490, 0.2820 by changing the saturation by 10% instead.


 15.3152, 0.3490,
0.2820


 15.3152, 0.3490,
0.2820


225.2662, 0.3280,
0.3089


 9.0409, 0.3555,
0.2738


 35.4052, 0.3405,
0.2928


 4.7679, 0.3650,
0.2621

 49.9897, 0.3376,
0.2965

 2.1117, 0.3796,
0.2443

 68.1130, 0.3352,
0.2996

 0.6712, 0.4077,
0.2098

 90.1596, 0.3333,
0.3021

 0.0000, 1.0000,
0.0000

116.5138, 0.3316,
0.3042

 0.0000, 0.0000,
0.0000

147.5600, 0.3302,

0.3060

183.6827, 0.3290,
0.3076

■ 15.3152, 0.3490,
0.2820

■ 15.3152, 0.3490,
0.2820

■ 12.8321, 0.3639,
0.2684

■ 18.2887, 0.3363,
0.2960

■ 10.8104, 0.3809,
0.2558

■ 21.7752, 0.3255,
0.3098

■ 9.2214, 0.4000,
0.2454

■ 25.7985, 0.3164,
0.3230

■ 8.0321, 0.4207,
0.2382


■ 30.3804, 0.3089,
0.3355

■ 7.2050, 0.4423,
0.2353


■ 35.5412, 0.3026,
0.3472


 6.6913, 0.4638,
0.2373

 41.3004, 0.2974,
0.3579

 6.4746, 0.4754,
0.2392

 47.6766, 0.2931,
0.3679

 54.6874, 0.2895,
0.3770

 62.3499, 0.2865,
0.3853

Harmonies

Analogous

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



15.3152, 0.2963, 0.2566



15.3152, 0.3490, 0.2820



15.3152, 0.3942, 0.3182

Triad

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



15.3152, 0.3490, 0.2820



15.3152, 0.3713, 0.4203



15.3152, 0.2198, 0.2855

Complementary

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



15.3152, 0.3490, 0.2820



23.6102, 0.2877, 0.3816

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.



15.3152, 0.2363, 0.3324



15.3152, 0.3490, 0.2820



15.3152, 0.3223, 0.4175

Square

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



15.3152, 0.3490, 0.2820



15.3152, 0.4062, 0.3966



15.3152, 0.2730, 0.3836



15.3152, 0.2253, 0.2560

Rectangle

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



15.3152, 0.3490, 0.2820



15.3152, 0.4117, 0.3453



15.3152, 0.2730, 0.3836



15.3152, 0.2228, 0.2996

Sweetspot

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



15.3159, 0.3490, 0.2820



41.4893, 0.3212, 0.3158



13.7680, 0.2799, 0.2363



9.3126, 0.3224, 0.3141



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



15.3159, 0.3490, 0.2820



23.3830, 0.3609, 0.2708



14.7898, 0.3873, 0.3247



5.4697, 0.3203, 0.3172



5.6434, 0.4743, 0.2386



0.0584, 0.3941, 0.1945

Inverse Universe

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



15.3159, 0.3490, 0.2820



23.3830, 0.3609, 0.2708



24.2632, 0.2671, 0.3335



5.4697, 0.3203, 0.3172



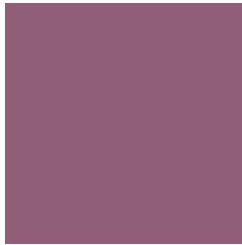
5.6434, 0.4743, 0.2386



0.0584, 0.3941, 0.1945

Previews

White Background



This preview shows how the Yxy color 15.3152, 0.3490, 0.2820 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 15.3152, 0.3490, 0.2820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

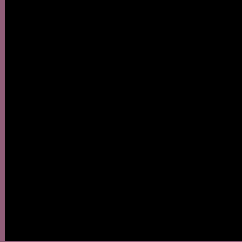
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.3152, 0.3490, 0.2820

Background



This preview shows how black text looks on a background with the Yxy color 15.3152, 0.3490, 0.2820.



This preview shows how white text looks on a background with the Yxy color 15.3152, 0.3490, 0.2820.

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

15.3152, 0.3490, 0.2820

Protanopia

15.5522, 0.2828, 0.2870

Deuteranopia

15.3530, 0.3098, 0.3032



Tritanopia

15.2996, 0.3709, 0.3165

Trichromacy



Original Color

15.3152, 0.3490, 0.2820

Protanomaly

15.3549, 0.3039, 0.2848

Deuteranomaly

15.2944, 0.3228, 0.2948

Tritanomaly

15.3312, 0.3636, 0.3042

Monochromacy



Original Color

15.3152, 0.3490, 0.2820

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.6260, 0.3262, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3152, 0.3490, 0.2820 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(144, 94, 121)` looks like.

```
.text, #text, p{  
    color:rgb(144, 94, 121)  
}
```

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(144, 94, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 94, 121) }
```

Border

The CSS property to change the border of an element to Yxy 15.3152, 0.3490, 0.2820 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(144, 94, 121) }
```

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

```
.border{ border-color:rgb(144, 94, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 94, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 94, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 94, 121);  
box-shadow:4px 4px 4px 4px rgb(144, 94,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 15.3152, 0.3490, 0.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 94, 121) }
```

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

```
.background{ background-color: rgb(144, 94,  
121) }
```

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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