

Converting Colors

$Y_{xy}(15.2881, 0.3390, 0.2347)$

Have a look what the booklet for
Yxy(15.2881, 0.3390, 0.2347)
contains.

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Color

Yxy(15.2869, 0.3389, 0.2347)

Conversions

Conversions Part 1

Format	Color
Hex	9E528F
RGB	158, 82, 143
RGB Percent	62%, 32%, 56%
CMY	0.3804, 0.6784, 0.4392
CMYK	0.00, 0.48, 0.09, 0.38
HSL	312°, 32%, 47%
HSV	312°, 48%, 62%
XYZ	22.0738, 15.2869, 27.7730
YIQ	111.6780, 25.7150, 35.0830

Conversions

Conversions Part 2

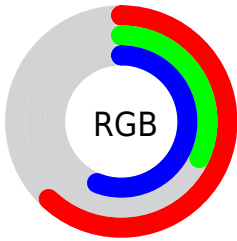
Format	Color
R _Y B	158, 82, 143
Decimal	10375823
CIE Lab	46.02, 39.99, -19.90
CIE LCh	46, 44.668, 333.545
Yxy	15.2869, 0.3389, 0.2347
Android (android.graphics.Color)	4288565903 (0xFF9E528F)
YUV	111.6780, 15.4417, 40.6244
Hunter-Lab	39.0985, 32.3535, -14.7469

Details

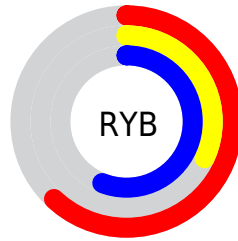
The Yxy color **15.2869, 0.3389, 0.2347** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.1073, 0.2949, 0.4475**, and the grayscale version is **16.0534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.3776, 0.3335, 0.2547**, and **4.7559, 0.3493, 0.2014** is the 20% darker color. If you saturate the color by 10%, you get **13.0794, 0.3461, 0.2178**, and if you desaturate by 10%, it is **18.0471, 0.3322, 0.2536**.

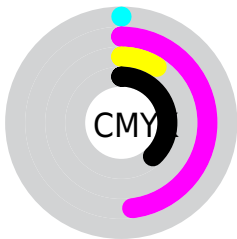
Distribution



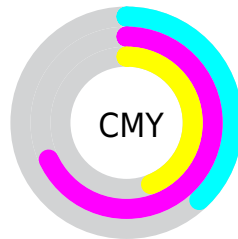
- Red (62%)
- Green (32%)
- Blue (56%)



- Red (62%)
- Yellow (32%)
- Blue (56%)



- Cyan (0%)
- Magenta (48%)
- Yellow (9%)
- Black (38%)





- Cyan (38%)
- Magenta (68%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2869, 0.3389, 0.2347 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 15.2869, 0.3389, 0.2347 by changing the saturation by 10% instead.


 15.2869, 0.3389,
0.2347


 15.2869, 0.3389,
0.2347


225.0962, 0.3252,
0.2864


 9.0210, 0.3424,
0.2202


 35.3557, 0.3338,
0.2546


 4.7549, 0.3469,
0.2006


 49.9274, 0.3319,
0.2618


 2.1042, 0.3527,
0.1730

 68.0364, 0.3303,
0.2677

 0.6670, 0.3611,
0.1289

 90.0673, 0.3290,
0.2726

 0.0000, 0.3796,
0.0000

 116.4043, 0.3278,
0.2768

 0.0000, 0.0000,
0.0000

147.4318, 0.3268,

0.2805

183.5344, 0.3259,
0.2836

■ 15.2869, 0.3389,
0.2347

■ 15.2869, 0.3389,
0.2347

■ 13.0794, 0.3461,
0.2178

■ 18.0471, 0.3322,
0.2536

■ 11.3842, 0.3536,
0.2037

■ 21.3923, 0.3262,
0.2735

■ 10.1589, 0.3612,
0.1935


■ 25.3550, 0.3208,
0.2937

■ 9.3535, 0.3687,
0.1875

■ 29.9648, 0.3161,
0.3135


■ 8.8765, 0.3759,
0.1855

■ 35.2490, 0.3120,
0.3326

 8.7955, 0.3773,
0.1852

 41.2337, 0.3085,
0.3506

 47.9434, 0.3055,
0.3675

 55.4015, 0.3030,
0.3831

 63.6304, 0.3009,
0.3975

Harmonies

Analogous

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



15.2869, 0.2525, 0.2038



15.2869, 0.3389, 0.2347



15.2869, 0.4293, 0.2844

Triad

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



15.2869, 0.3389, 0.2347



15.2869, 0.4311, 0.4679



15.2869, 0.1667, 0.2750

Complementary

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



15.2869, 0.3389, 0.2347



27.1073, 0.2949, 0.4475

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.



15.2869, 0.2018, 0.3669



15.2869, 0.3389, 0.2347



15.2869, 0.3532, 0.4969

Square

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



15.2869, 0.3389, 0.2347



15.2869, 0.4820, 0.4088



15.2869, 0.2692, 0.4605



15.2869, 0.1646, 0.2184

Rectangle

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



15.2869, 0.3389, 0.2347



15.2869, 0.4721, 0.3239



15.2869, 0.2692, 0.4605



15.2869, 0.1745, 0.3024

Sweetspot

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



15.2876, 0.3389, 0.2347



49.1053, 0.3189, 0.3013



10.9884, 0.2385, 0.1871



10.6968, 0.3199, 0.2972



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.



15.2876, 0.3389, 0.2347



23.3921, 0.3468, 0.2162



14.3466, 0.3988, 0.2901



6.7321, 0.3166, 0.3112



7.0510, 0.3768, 0.1849



0.1313, 0.3510, 0.1707

Inverse Universe

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



15.2876, 0.3389, 0.2347



23.3921, 0.3468, 0.2162



27.9634, 0.2673, 0.3736



6.7321, 0.3166, 0.3112



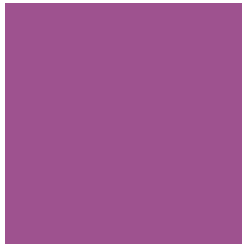
7.0510, 0.3768, 0.1849



0.1313, 0.3510, 0.1707

Previews

White Background



This preview shows how the Yxy color 15.2869, 0.3389, 0.2347 looks on a white background.

Color Contrast Check

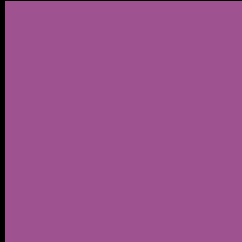
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2869, 0.3389, 0.2347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

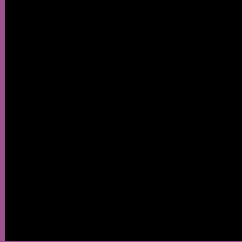
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.2869, 0.3389, 0.2347

Background



This preview shows how black text looks on a background with the Yxy color 15.2869, 0.3389, 0.2347.



This preview shows how white text looks on a background with the Yxy color 15.2869, 0.3389, 0.2347.

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

15.2869, 0.3389, 0.2347

Protanopia

15.5936, 0.2371, 0.2270

Deuteranopia

15.3827, 0.2729, 0.2666



Tritanopia

15.3274, 0.3979, 0.3174

Trichromacy



Original Color

15.2869, 0.3389, 0.2347

Protanomaly

14.9688, 0.2660, 0.2271

Deuteranomaly

14.9139, 0.2946, 0.2524

Tritanomaly

15.1858, 0.3766, 0.2845

Monochromacy



Original Color

15.2869, 0.3389, 0.2347

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.4045, 0.3231, 0.2880

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2869, 0.3389, 0.2347 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(158, 82, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 82, 143) }
```

Border

The CSS property to change the border of an element to Yxy 15.2869, 0.3389, 0.2347 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, 143) }
```

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

```
.border{ border-color:rgb(158, 82, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 82, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 82, 143);  
box-shadow:4px 4px 4px 4px rgb(158, 82,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2869, 0.3389, 0.2347 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, 143) }
```

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

```
.background{ background-color: rgb(158, 82,  
143) }
```

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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