

Converting Colors

$Y_{xy}(15.4315, 0.3079, 0.2272)$

Have a look what the booklet for
Yxy(15.4315, 0.3079, 0.2272)
contains.

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Color

Yxy(15.4315, 0.3079, 0.2272)

Conversions

Conversions Part 1

Format	Color
Hex	915998
RGB	145, 89, 152
RGB Percent	57%, 35%, 60%
CMY	0.4315, 0.6509, 0.4040
CMYK	0.05, 0.41, 0.00, 0.40
HSL	293°, 26%, 47%
HSV	293°, 41%, 60%
XYZ	20.9127, 15.4315, 31.5762
YIQ	112.9260, 13.1530, 31.4650

Conversions

Conversions Part 2

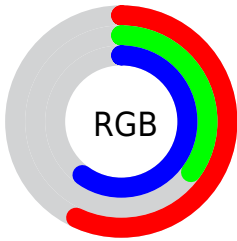
Format	Color
RYB	145, 89, 152
Decimal	9525656
CIELab	46.22, 33.66, -25.11
CIELCh	46, 41.995, 323.284
Yxy	15.4315, 0.3079, 0.2272
Android (android.graphics.Color)	4287715736 (0xFF915998)
YUV	112.9260, 19.2635, 28.1289
Hunter-Lab	39.2829, 26.2811, -20.1600

Details

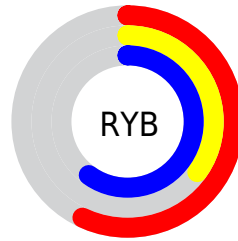
The Yxy color **15.4315, 0.3079, 0.2272** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.6622, 0.3134, 0.4503**, and the grayscale version is **16.4300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.5405, 0.3097, 0.2476**, and **4.8526, 0.3020, 0.1914** is the 20% darker color. If you saturate the color by 10%, you get **13.0052, 0.3060, 0.2043**, and if you desaturate by 10%, it is **18.3837, 0.3095, 0.2517**.

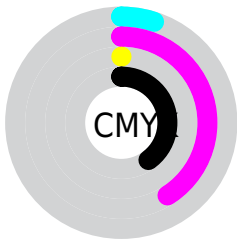
Distribution



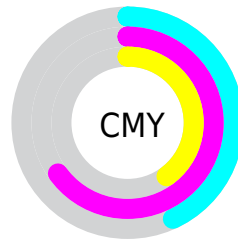
- Red (57%)
- Green (35%)
- Blue (60%)



- Red (57%)
- Yellow (35%)
- Blue (60%)



- Cyan (5%)
- Magenta (41%)
- Yellow (0%)
- Black (40%)





- Cyan (43%)
- Magenta (65%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4315, 0.3079, 0.2272 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 15.4315, 0.3079, 0.2272 by changing the saturation by 10% instead.


 15.4315, 0.3079,
0.2272


 15.4315, 0.3079,
0.2272

225.9633, 0.3123,
0.2828


 9.1228, 0.3058,
0.2118


 35.6084, 0.3101,
0.2485


 4.8214, 0.3024,
0.1912


 50.2454, 0.3108,
0.2562


 2.1428, 0.2961,
0.1625

 68.4272, 0.3112,
0.2625

 0.6886, 0.2839,
0.1185

 90.5383, 0.3115,
0.2679

 0.0000, 0.2404,
0.0000

 116.9631, 0.3118,
0.2724

 0.0000, 0.0000,
0.0000

148.0859, 0.3120,

0.2763

184.2912, 0.3122,
0.2798

■ 15.4315, 0.3079,
0.2272

■ 15.4315, 0.3079,
0.2272

■ 13.0052, 0.3060,
0.2043

■ 18.3837, 0.3095,
0.2517

■ 11.0705, 0.3037,
0.1838

■ 21.8893, 0.3108,
0.2767

■ 9.5920, 0.3012,
0.1666


■ 25.9766, 0.3119,
0.3016

■ 8.5287, 0.2986,
0.1534


■ 30.6710, 0.3126,
0.3257


■ 7.8325, 0.2958,
0.1444


■ 35.9966, 0.3132,
0.3485

 7.4227, 0.2934,
0.1390

 41.9761, 0.3135,
0.3699

 48.6313, 0.3137,
0.3897

 55.9826, 0.3137,
0.4078

 64.0498, 0.3136,
0.4243

Harmonies

Analogous

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



15.4315, 0.2335, 0.2051



15.4315, 0.3079, 0.2272



15.4315, 0.3951, 0.2694

Triad

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



15.4315, 0.3079, 0.2272



15.4315, 0.4456, 0.4440



15.4315, 0.1822, 0.3055

Complementary

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



15.4315, 0.3079, 0.2272



25.6622, 0.3134, 0.4503

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.



15.4315, 0.2273, 0.3971



15.4315, 0.3079, 0.2272



15.4315, 0.3790, 0.4829

Square

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



15.4315, 0.3079, 0.2272



15.4315, 0.4791, 0.3854



15.4315, 0.2991, 0.4706



15.4315, 0.1694, 0.2394

Rectangle

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



15.4315, 0.3079, 0.2272



15.4315, 0.4441, 0.3053



15.4315, 0.2991, 0.4706



15.4315, 0.1937, 0.3346

Sweetspot

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



15.4322, 0.3079, 0.2272



45.2405, 0.3118, 0.2996



12.8241, 0.2404, 0.2201



10.0809, 0.3117, 0.2967



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



15.4322, 0.3079, 0.2272



23.1361, 0.3061, 0.2053



15.3768, 0.3516, 0.2649



6.2887, 0.3121, 0.3069



6.2333, 0.2936, 0.1391



0.1018, 0.3067, 0.1463

Inverse Universe

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



14.6673, 0.4031, 0.3173



21.6573, 0.4364, 0.3150



25.7728, 0.2875, 0.4040



6.2333, 0.3267, 0.3266



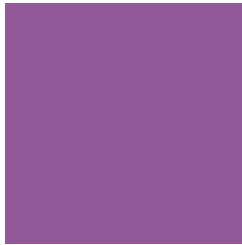
5.6335, 0.6232, 0.3207



0.0868, 0.5569, 0.2841

Previews

White Background



This preview shows how the Yxy color 15.4315, 0.3079, 0.2272 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 15.4315, 0.3079, 0.2272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

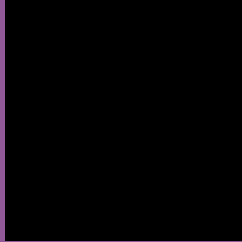
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 15.4315, 0.3079, 0.2272

Background



This preview shows how black text looks on a background with the Yxy color 15.4315, 0.3079, 0.2272.



This preview shows how white text looks on a background with the Yxy color 15.4315, 0.3079, 0.2272.

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

15.4315, 0.3079, 0.2272

Protanopia

15.6390, 0.2324, 0.2209

Deuteranopia

15.5159, 0.2576, 0.2521



Tritanopia

15.4742, 0.3611, 0.3145

Trichromacy



Original Color

15.4315, 0.3079, 0.2272

Protanomaly

15.1672, 0.2540, 0.2203

Deuteranomaly

15.1903, 0.2746, 0.2414

Tritanomaly

15.2772, 0.3414, 0.2796

Monochromacy



Original Color

15.4315, 0.3079, 0.2272

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

15.7929, 0.3120, 0.2858

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4315, 0.3079, 0.2272 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(145, 89, 152)` looks like.

```
.text, #text, p{  
    color:rgb(145, 89, 152)  
}
```

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(145, 89, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 89, 152) }
```

Border

The CSS property to change the border of an element to Yxy 15.4315, 0.3079, 0.2272 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(145, 89, 152) }
```

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

```
.border{ border-color:rgb(145, 89, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 89, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 89, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 89, 152); box-shadow:4px 4px 4px 4px rgb(145, 89, 152) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4315, 0.3079, 0.2272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 89, 152) }
```

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

```
.background{ background-color: rgb(145, 89,  
152) }
```

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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