

Converting Colors

$Y_{xy}(11.5702, 0.2839, 0.1338)$

Have a look what the booklet for
Yxy(11.5702, 0.2839, 0.1338)
contains.

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Color

Yxy(11.5481, 0.2840, 0.1338)

Conversions

Conversions Part 1

Format	Color
Hex	A300BF
RGB	163, 0, 191
RGB Percent	64%, 0%, 75%
CMY	0.3608, 1.0000, 0.2508
CMYK	0.15, 1.00, 0.00, 0.25
HSL	291°, 100%, 37%
HSV	291°, 100%, 75%
XYZ	24.5117, 11.5481, 50.2489
YIQ	70.5110, 35.8370, 93.9570

Conversions

Conversions Part 2

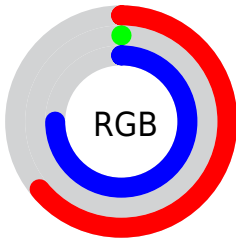
Format	Color
R_{YB}	163, 0, 191
Decimal	10682559
CIE _{Lab}	40.49, 74.77, -57.16
CIE _{LCh}	40, 94.120, 322.604
Yxy	11.5481, 0.2840, 0.1338
Android (android.graphics.Color)	4288872639 (0xFFA300BF)
YUV	70.5110, 59.4011, 81.1129
Hunter-Lab	33.9825, 69.2831, -63.8826

Details

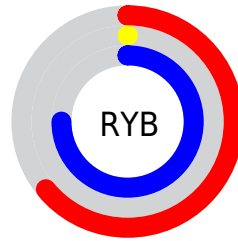
The Yxy color **11.5481, 0.2840, 0.1338** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **37.5254, 0.3041, 0.5968**, and the grayscale version is **6.1097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6476, 0.2945, 0.1679**, and **4.7808, 0.2652, 0.1235** is the 20% darker color. If you saturate the color by 10%, you get **11.5501, 0.2840, 0.1338**, and if you desaturate by 10%, it is **12.3186, 0.2878, 0.1400**.

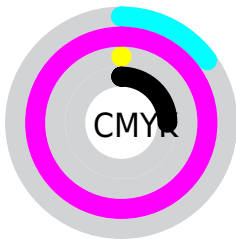
Distribution



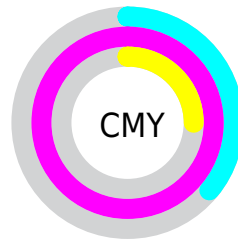
- Red (64%)
- Green (0%)
- Blue (75%)



- Red (64%)
- Yellow (0%)
- Blue (75%)



- Cyan (15%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)




- Cyan (36%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5481, 0.2840, 0.1338 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 11.5481, 0.2840, 0.1338 by changing the saturation by 10% instead.


 11.5481, 0.2840,
0.1338


 11.5481, 0.2840,
0.1338


201.3902, 0.3065,
0.2305


 6.4368, 0.2754,
0.1119


 28.6693, 0.2944,
0.1677


 3.1124, 0.2626,
0.0860


 41.4480, 0.2976,
0.1809


 1.1907, 0.2429,
0.0564

 57.5513, 0.3001,
0.1922

 0.0541, 0.2155,
0.0049

 77.3636, 0.3020,
0.2020

 0.0000, 0.1595,
0.0000

 101.2692, 0.3035,
0.2105

 0.0000, 0.0000,
0.0000

 129.6526, 0.3047,

0.2180

162.8981, 0.3057,
0.2246

■ 11.5481, 0.2840,
0.1338

■ 11.5481, 0.2840,
0.1338

■ 11.5501, 0.2840,
0.1338

■ 12.3186, 0.2878,
0.1400

■ 13.5547, 0.2916,
0.1498

■ 15.4248, 0.2954,
0.1641

■ 18.0131, 0.2989,
0.1824

■ 21.3910, 0.3022,
0.2040

■ 25.6210, 0.3051,
0.2280

■ 30.7595, 0.3076,
0.2534

■ 36.8581, 0.3097,
0.2792

■ 43.9643, 0.3114,
0.3046

Harmonies

Analogous

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



11.5481, 0.1467, 0.1019



11.5481, 0.2840, 0.1338



11.5481, 0.4969, 0.1975

Triad

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



11.5481, 0.2840, 0.1338



11.5481, 0.5237, 0.4763



11.5481, 0.0623, 0.2462

Complementary

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



11.5481, 0.2840, 0.1338



37.5254, 0.3041, 0.5968

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.



11.5481, 0.1141, 0.5118



11.5481, 0.2840, 0.1338



11.5481, 0.3697, 0.6303

Square

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



11.5481, 0.2840, 0.1338



11.5481, 0.6415, 0.3585



11.5481, 0.2270, 0.7180



11.5481, 0.0572, 0.1344

Rectangle

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



11.5481, 0.2840, 0.1338



11.5481, 0.6180, 0.2489



11.5481, 0.2270, 0.7180



11.5481, 0.0726, 0.3162

Sweetspot

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



11.5501, 0.2840, 0.1338



54.5916, 0.3075, 0.2522



4.6252, 0.1534, 0.0721



11.0880, 0.3065, 0.2413



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



11.5501, 0.2840, 0.1338



20.5935, 0.2834, 0.1335



12.5409, 0.4342, 0.2166



9.6234, 0.3115, 0.3062



7.6146, 0.2845, 0.1341



0.3179, 0.2938, 0.1392

Inverse Universe

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



11.1653, 0.6205, 0.3192



19.9671, 0.6231, 0.3206



37.6817, 0.2853, 0.5473



9.5586, 0.3266, 0.3257



7.3419, 0.6179, 0.3178



0.2950, 0.5619, 0.2869

Previews

White Background



This preview shows how the Yxy color 11.5481, 0.2840, 0.1338 looks on a white background.

Color Contrast Check

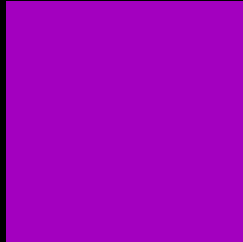
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.5481, 0.2840, 0.1338 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 11.5481, 0.2840, 0.1338

Background



This preview shows how black text looks on a background with the Yxy color 11.5481, 0.2840, 0.1338.



This preview shows how white text looks on a background with the Yxy color 11.5481, 0.2840, 0.1338.

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

11.5481, 0.2840, 0.1338

Protanopia

12.1289, 0.1744, 0.1478

Deuteranopia

12.2489, 0.1838, 0.1817



Tritanopia

11.9072, 0.4358, 0.3208

Trichromacy



Original Color

11.5481, 0.2840, 0.1338



Protanomaly

8.1470, 0.1793, 0.1092



Deuteranomaly

7.9328, 0.1856, 0.1229



Tritanomaly

10.2423, 0.3770, 0.2196

Monochromacy



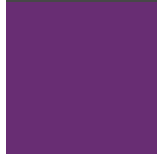
Original Color

11.5481, 0.2840, 0.1338



Achromatopsia

6.3010, 0.3127, 0.3290



Achromatomaly

6.0576, 0.2981, 0.1854

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5481, 0.2840, 0.1338 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(163, 0, 191)` looks like.

```
.text, #text, p{  
    color:rgb(163, 0, 191)  
}
```

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(163, 0, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 0, 191) }
```

Border

The CSS property to change the border of an element to Yxy 11.5481, 0.2840, 0.1338 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(163, 0, 191) }
```

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

```
.border{ border-color:rgb(163, 0, 191) }
```

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

Here you see how a box with a 4 pixel rgb(163, 0, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 0, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 0, 191);  
box-shadow:4px 4px 4px 4px rgb(163, 0,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5481, 0.2840, 0.1338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 0, 191) }
```

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

```
.background{ background-color: rgb(163, 0,  
191) }
```

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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