

Converting Colors

$Y_{xy}(11.4370, 0.2866, 0.1352)$

Have a look what the booklet for
Yxy(11.4370, 0.2866, 0.1352)
contains.

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Color

Yxy(11.4607, 0.2863, 0.1351)

Conversions

Conversions Part 1

Format	Color
Hex	A300BD
RGB	163, 0, 189
RGB Percent	64%, 0%, 74%
CMY	0.3609, 0.9996, 0.2588
CMYK	0.14, 1.00, 0.00, 0.26
HSL	292°, 100%, 37%
HSV	292°, 100%, 74%
XYZ	24.2872, 11.4607, 49.0834
YIQ	70.2830, 36.4790, 93.3350

Conversions

Conversions Part 2

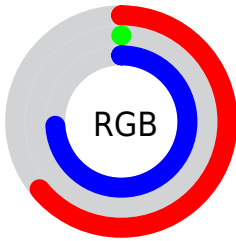
Format	Color
R_{YB}	163, 0, 189
Decimal	10682557
CIE _{Lab}	40.35, 74.42, -56.20
CIE _{LCh}	40, 93.255, 322.937
Yxy	11.4607, 0.2863, 0.1351
Android (android.graphics.Color)	4288872637 (0xFFA300BD)
YUV	70.2830, 58.5275, 81.3128
Hunter-Lab	33.8537, 68.8150, -62.2652

Details

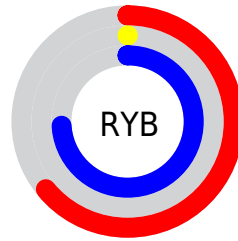
The Yxy color **11.4607, 0.2863, 0.1351** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **36.6224, 0.3037, 0.5970**, and the grayscale version is **6.0801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.5241, 0.2963, 0.1693**, and **4.8134, 0.2684, 0.1252** is the 20% darker color. If you saturate the color by 10%, you get **11.4575, 0.2863, 0.1351**, and if you desaturate by 10%, it is **12.2026, 0.2899, 0.1412**.

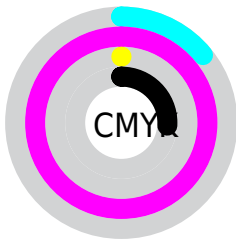
Distribution



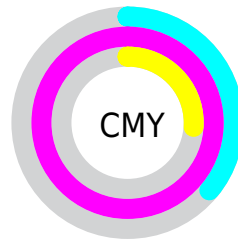
- Red (64%)
- Green (0%)
- Blue (74%)



- Red (64%)
- Yellow (0%)
- Blue (74%)



- Cyan (14%)
- Magenta (100%)
- Yellow (0%)
- Black (26%)




- Cyan (36%)
- Magenta (100%)
- Yellow (26%)
- Black (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4607, 0.2863, 0.1351 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 11.4607, 0.2863, 0.1351 by changing the saturation by 10% instead.


 11.4607, 0.2863,
0.1351


 11.4607, 0.2863,
0.1351


200.8015, 0.3075,
0.2316


 6.3776, 0.2780,
0.1131


 28.5090, 0.2962,
0.1690


 3.0760, 0.2656,
0.0871


 41.2430, 0.2992,
0.1822


 1.1716, 0.2463,
0.0571

 57.2960, 0.3015,
0.1935

 0.0383, 0.2196,
0.0036

 77.0526, 0.3033,
0.2032

 0.0000, 0.1627,
0.0000

 100.8970, 0.3047,
0.2117

 0.0000, 0.0000,
0.0000

 129.2137, 0.3059,

0.2191

162.3871, 0.3068,
0.2257

■ 11.4607, 0.2863,
0.1351

■ 11.4607, 0.2863,
0.1351

■ 11.4575, 0.2863,
0.1351

■ 12.2026, 0.2899,
0.1412

■ 13.4003, 0.2934,
0.1509

■ 15.2165, 0.2969,
0.1649

■ 17.7330, 0.3002,
0.1831

■ 21.0191, 0.3032,
0.2046

■ 25.1360, 0.3059,
0.2285

■ 30.1383, 0.3081,
0.2537

■ 36.0763, 0.3100,
0.2794

■ 42.9963, 0.3115,
0.3048

Harmonies

Analogous

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



11.4607, 0.1485, 0.1028



11.4607, 0.2863, 0.1351



11.4607, 0.4982, 0.1990

Triad

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



11.4607, 0.2863, 0.1351



11.4607, 0.5219, 0.4781



11.4607, 0.0629, 0.2450

Complementary

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



11.4607, 0.2863, 0.1351



36.6224, 0.3037, 0.5970

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.



11.4607, 0.1143, 0.5070



11.4607, 0.2863, 0.1351



11.4607, 0.3689, 0.6311

Square

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



11.4607, 0.2863, 0.1351



11.4607, 0.6396, 0.3604



11.4607, 0.2268, 0.7150



11.4607, 0.0581, 0.1346

Rectangle

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



11.4607, 0.2863, 0.1351



11.4607, 0.6177, 0.2504



11.4607, 0.2268, 0.7150



11.4607, 0.0731, 0.3139

Sweetspot

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



11.4612, 0.2863, 0.1351



53.4500, 0.3080, 0.2524



4.5268, 0.1534, 0.0722



10.6472, 0.3071, 0.2416



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



11.4612, 0.2863, 0.1351



20.4386, 0.2857, 0.1348



12.2501, 0.4340, 0.2165



9.6278, 0.3116, 0.3062



7.7325, 0.2867, 0.1353



0.3215, 0.2954, 0.1401

Inverse Universe

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



10.8979, 0.6220, 0.3201



19.4905, 0.6247, 0.3215



36.7974, 0.2853, 0.5470



9.5572, 0.3267, 0.3259



7.3364, 0.6198, 0.3188



0.2944, 0.5659, 0.2891

Previews

White Background



This preview shows how the Yxy color 11.4607, 0.2863, 0.1351 looks on a white background.

Color Contrast Check

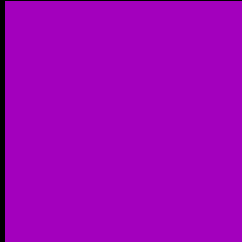
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.4607, 0.2863, 0.1351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

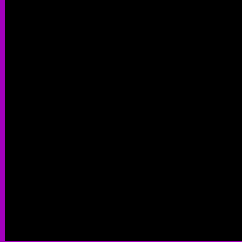
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4607, 0.2863, 0.1351

Background



This preview shows how black text looks on a background with the Yxy color 11.4607, 0.2863, 0.1351.



This preview shows how white text looks on a background with the Yxy color 11.4607, 0.2863, 0.1351.

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

11.4607, 0.2863, 0.1351

Protanopia

12.0826, 0.1746, 0.1486

Deuteranopia

12.0188, 0.1836, 0.1809



Tritanopia

11.8516, 0.4401, 0.3209

Trichromacy



Original Color

11.4607, 0.2863, 0.1351



Protanomaly

8.1017, 0.1796, 0.1097



Deuteranomaly

7.7801, 0.1857, 0.1222



Tritanomaly

10.2350, 0.3808, 0.2206

Monochromacy



Original Color

11.4607, 0.2863, 0.1351



Achromatopsia

6.1246, 0.3127, 0.3290



Achromatomaly

6.0121, 0.3017, 0.1884

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4607, 0.2863, 0.1351 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(163, 0, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 0, 189) }
```

Border

The CSS property to change the border of an element to Yxy 11.4607, 0.2863, 0.1351 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, 189) }
```

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

```
.border{ border-color:rgb(163, 0, 189) }
```

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, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 0, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 0, 189);  
box-shadow:4px 4px 4px 4px rgb(163, 0,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4607, 0.2863, 0.1351 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, 189) }
```

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

```
.background{ background-color: rgb(163, 0,  
189) }
```

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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