

Converting Colors

$Yxy(11.5234, 0.2849, 0.1442)$

Have a look what the booklet for
Yxy(11.5234, 0.2849, 0.1442)
contains.

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Color

Yxy(11.5198, 0.2843, 0.1438)

Conversions

Conversions Part 1

Format	Color
Hex	9C20B7
RGB	156, 32, 183
RGB Percent	61%, 13%, 72%
CMY	0.3882, 0.8746, 0.2824
CMYK	0.15, 0.83, 0.00, 0.28
HSL	289°, 70%, 42%
HSV	289°, 83%, 72%
XYZ	22.7752, 11.5198, 45.8148
YIQ	86.2900, 25.4330, 73.2490

Conversions

Conversions Part 2

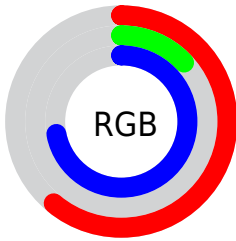
Format	Color
R_{YB}	156, 32, 183
Decimal	10231991
CIE Lab	40.44, 67.27, -52.55
CIE LCh	40, 85.367, 322.003
Yxy	11.5198, 0.2843, 0.1438
Android (android.graphics.Color)	4288422071 (0xFF9C20B7)
YUV	86.2900, 47.6780, 61.1357
Hunter-Lab	33.9408, 60.3820, -56.2737

Details

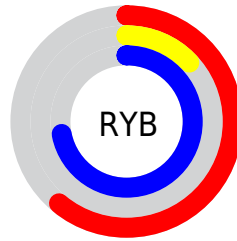
The Yxy color **11.5198, 0.2843, 0.1438** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **34.8935, 0.3114, 0.5722**, and the grayscale version is **9.2624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.5928, 0.2939, 0.1770**, and **4.2943, 0.2662, 0.1240** is the 20% darker color. If you saturate the color by 10%, you get **10.4721, 0.2796, 0.1344**, and if you desaturate by 10%, it is **13.1241, 0.2890, 0.1577**.

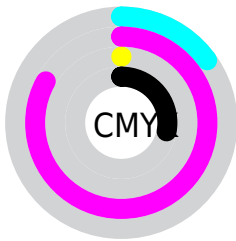
Distribution



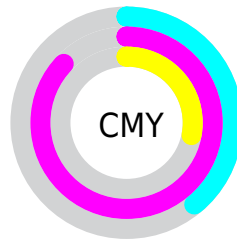
- Red (61%)
- Green (13%)
- Blue (72%)



- Red (61%)
- Yellow (13%)
- Blue (72%)



- Cyan (15%)
- Magenta (83%)
- Yellow (0%)
- Black (28%)





- Cyan (39%)
- Magenta (87%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5198, 0.2843, 0.1438 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 11.5198, 0.2843, 0.1438 by changing the saturation by 10% instead.


 11.5198, 0.2843,
0.1438


 11.5198, 0.2843,
0.1438


201.1998, 0.3061,
0.2376


 6.4176, 0.2760,
0.1217


 28.6174, 0.2943,
0.1773


 3.1006, 0.2634,
0.0951


 41.3817, 0.2974,
0.1902

 1.1845, 0.2437,
0.0638

 57.4687, 0.2998,
0.2011

 0.0490, 0.2165,
0.0053

 77.2630, 0.3016,
0.2105

 0.0000, 0.1535,
0.0000

 101.1488, 0.3031,
0.2187

 0.0000, 0.0000,
0.0000

 129.5106, 0.3043,

0.2258

162.7328, 0.3053,
0.2321

■ 11.5198, 0.2843,
0.1438

■ 11.5198, 0.2843,
0.1438

■ 10.4721, 0.2796,
0.1344

■ 13.1241, 0.2890,
0.1577

■ 9.9315, 0.2761,
0.1295

■ 15.3628, 0.2935,
0.1757

■ 18.3031, 0.2978,
0.1972

■ 22.0029, 0.3016,
0.2212

■ 26.5142, 0.3050,
0.2467

■ 31.8843, 0.3079,
0.2727

■ 38.1568, 0.3103,
0.2983

■ 45.3726, 0.3123,
0.3230

■ 53.5697, 0.3138,
0.3463

Harmonies

Analogous

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



11.5198, 0.1552, 0.1128



11.5198, 0.2843, 0.1438



11.5198, 0.4781, 0.2056

Triad

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



11.5198, 0.2843, 0.1438



11.5198, 0.5230, 0.4770



11.5198, 0.0759, 0.2600

Complementary

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



11.5198, 0.2843, 0.1438



34.8935, 0.3114, 0.5722

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.



11.5198, 0.1320, 0.4998



11.5198, 0.2843, 0.1438



11.5198, 0.3838, 0.6162

Square

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



11.5198, 0.2843, 0.1438



11.5198, 0.6274, 0.3671



11.5198, 0.2455, 0.6822



11.5198, 0.0681, 0.1487

Rectangle

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



11.5198, 0.2843, 0.1438



11.5198, 0.5909, 0.2565



11.5198, 0.2455, 0.6822



11.5198, 0.0877, 0.3258

Sweetspot

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



11.5203, 0.2843, 0.1438



54.1691, 0.3071, 0.2652



6.9222, 0.1699, 0.1095



11.2160, 0.3061, 0.2560



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



11.5203, 0.2843, 0.1438



17.8063, 0.2759, 0.1296



12.8517, 0.3975, 0.2091



9.0795, 0.3110, 0.3063



6.9565, 0.2767, 0.1298



0.2667, 0.2888, 0.1365

Inverse Universe

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



11.4130, 0.5558, 0.3045



18.2660, 0.6136, 0.3160



34.7441, 0.2832, 0.5188



9.0377, 0.3260, 0.3249



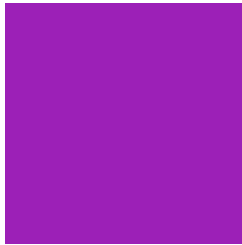
7.1059, 0.6102, 0.3135



0.2586, 0.5440, 0.2771

Previews

White Background



This preview shows how the Yxy color 11.5198, 0.2843, 0.1438 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 11.5198, 0.2843, 0.1438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

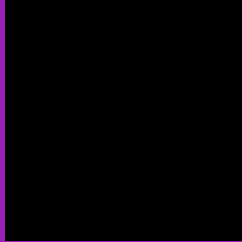
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5198, 0.2843, 0.1438

Background



This preview shows how black text looks on a background with the Yxy color 11.5198, 0.2843, 0.1438.



This preview shows how white text looks on a background with the Yxy color 11.5198, 0.2843, 0.1438.

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

11.5198, 0.2843, 0.1438

Protanopia

11.8599, 0.1744, 0.1478

Deuteranopia

11.8717, 0.1862, 0.1821



Tritanopia

11.5289, 0.4217, 0.3185

Trichromacy



Original Color

11.5198, 0.2843, 0.1438



Protanomaly

9.1821, 0.1829, 0.1248



Deuteranomaly

9.3008, 0.1971, 0.1436



Tritanomaly

10.7667, 0.3661, 0.2321

Monochromacy



Original Color

11.5198, 0.2843, 0.1438



Achromatopsia

9.3059, 0.3127, 0.3290



Achromatomaly

8.6564, 0.3008, 0.2178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5198, 0.2843, 0.1438 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(156, 32, 183)` looks like.

```
.text, #text, p{  
    color:rgb(156, 32, 183)  
}
```

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(156, 32, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 32, 183) }
```

Border

The CSS property to change the border of an element to Yxy 11.5198, 0.2843, 0.1438 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(156, 32, 183) }
```

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

```
.border{ border-color:rgb(156, 32, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 32, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 32, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 32, 183); box-shadow:4px 4px 4px 4px rgb(156, 32, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5198, 0.2843, 0.1438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 32, 183) }
```

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

```
.background{ background-color: rgb(156, 32,  
183) }
```

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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