

Converting Colors

$Yxy(15.0413, 0.2841, 0.1818)$

Have a look what the booklet for
Yxy(15.0413, 0.2841, 0.1818)
contains.

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Color

Yxy(15.0029, 0.2836, 0.1812)

Conversions

Conversions Part 1

Format	Color
Hex	974CB3
RGB	151, 76, 179
RGB Percent	59%, 30%, 70%
CMY	0.4079, 0.7019, 0.2980
CMYK	0.16, 0.58, 0.00, 0.30
HSL	284°, 40%, 50%
HSV	284°, 58%, 70%
XYZ	23.4814, 15.0029, 44.3132
YIQ	110.1670, 11.6370, 47.9330

Conversions

Conversions Part 2

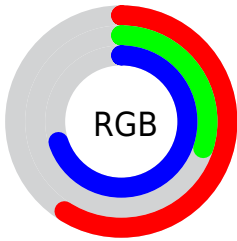
Format	Color
R_{YB}	151, 76, 179
Decimal	9915571
CIE _{Lab}	45.64, 48.05, -41.94
CIE _{LCh}	46, 63.783, 318.886
Yxy	15.0029, 0.2836, 0.1812
Android (android.graphics.Color)	4288105651 (0xFF974CB3)
YUV	110.1670, 33.9347, 35.8105
Hunter-Lab	38.7336, 40.4279, -40.7173

Details

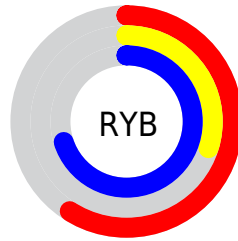
The Yxy color **15.0029, 0.2836, 0.1812** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **35.7140, 0.3243, 0.5004**, and the grayscale version is **15.5427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7019, 0.2920, 0.2092**, and **4.6216, 0.2661, 0.1369** is the 20% darker color. If you saturate the color by 10%, you get **12.4135, 0.2765, 0.1594**, and if you desaturate by 10%, it is **18.2990, 0.2902, 0.2057**.

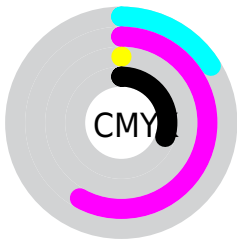
Distribution



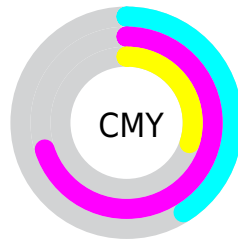
- Red (59%)
- Green (30%)
- Blue (70%)



- Red (59%)
- Yellow (30%)
- Blue (70%)



- Cyan (16%)
- Magenta (58%)
- Yellow (0%)
- Black (30%)




- Cyan (41%)
- Magenta (70%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0029, 0.2836, 0.1812 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 15.0029, 0.2836, 0.1812 by changing the saturation by 10% instead.


 15.0029, 0.2836,
0.1812

 15.0029, 0.2836,
0.1812


223.3838, 0.3033,
0.2579


 8.8214, 0.2767,
0.1619


 34.8583, 0.2922,
0.2094


 4.6249, 0.2665,
0.1376


 49.3009, 0.2949,
0.2199

 2.0289, 0.2507,
0.1066

 67.2661, 0.2971,
0.2288

 0.6242, 0.2249,
0.0654

 89.1383, 0.2989,
0.2363

 0.0000, 0.1804,
0.0000

 115.3017, 0.3003,
0.2428

 0.0000, 0.0000,
0.0000

146.1408, 0.3014,

0.2485

182.0400, 0.3024,
0.2535

■ 15.0029, 0.2836,
0.1812

■ 15.0029, 0.2836,
0.1812

■ 12.4135, 0.2765,
0.1594

■ 18.2990, 0.2902,
0.2057

■ 10.4703, 0.2692,
0.1414

■ 22.3520, 0.2963,
0.2319

■ 9.1054, 0.2619,
0.1279

■ 27.2097, 0.3017,
0.2587

■ 8.2152, 0.2548,
0.1188

■ 32.9150, 0.3063,
0.2852

■ 8.0236, 0.2531,
0.1168

■ 39.5082, 0.3102,
0.3107

■ 47.0268, 0.3135,
0.3348

■ 55.5059, 0.3161,
0.3571

■ 64.9791, 0.3183,
0.3777

■ 75.4782, 0.3199,
0.3964

Harmonies

Analogous

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



15.0029, 0.1863, 0.1566



15.0029, 0.2836, 0.1812



15.0029, 0.4165, 0.2323

Triad

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



15.0029, 0.2836, 0.1812



15.0029, 0.5030, 0.4621



15.0029, 0.1332, 0.3036

Complementary

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



15.0029, 0.2836, 0.1812



35.7140, 0.3243, 0.5004

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.



15.0029, 0.1950, 0.4592



15.0029, 0.2836, 0.1812



15.0029, 0.4067, 0.5454

Square

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



15.0029, 0.2836, 0.1812



15.0029, 0.5558, 0.3767



15.0029, 0.2962, 0.5669



15.0029, 0.1158, 0.2040

Rectangle

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



15.0029, 0.2836, 0.1812



15.0029, 0.4982, 0.2768



15.0029, 0.2962, 0.5669



15.0029, 0.1484, 0.3518

Sweetspot

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



15.0035, 0.2836, 0.1812



59.2142, 0.3064, 0.2859



14.9362, 0.2136, 0.1970



12.6423, 0.3055, 0.2807



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



15.0035, 0.2836, 0.1812



21.2060, 0.2746, 0.1543



17.1805, 0.3489, 0.2201



8.5281, 0.3096, 0.3063



5.7023, 0.2539, 0.1172



0.2064, 0.2735, 0.1280

Inverse Universe

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



15.7571, 0.4358, 0.2900



23.0404, 0.4808, 0.2860



34.6711, 0.2913, 0.4736



8.5420, 0.3246, 0.3228



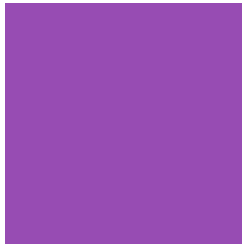
6.9370, 0.5823, 0.2981



0.2283, 0.5019, 0.2539

Previews

White Background



This preview shows how the Yxy color 15.0029, 0.2836, 0.1812 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 15.0029, 0.2836, 0.1812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

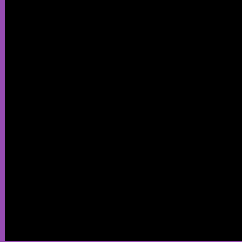
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.0029, 0.2836, 0.1812

Background



This preview shows how black text looks on a background with the Yxy color 15.0029, 0.2836, 0.1812.



This preview shows how white text looks on a background with the Yxy color 15.0029, 0.2836, 0.1812.

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

15.0029, 0.2836, 0.1812

Protanopia

15.3120, 0.1880, 0.1628

Deuteranopia

15.3321, 0.2158, 0.2109



Tritanopia

14.9407, 0.3684, 0.3146

Trichromacy



Original Color

15.0029, 0.2836, 0.1812

Protanomaly

14.0629, 0.2078, 0.1623

Deuteranomaly

14.4112, 0.2342, 0.1942

Tritanomaly

14.7127, 0.3352, 0.2573

Monochromacy



Original Color

15.0029, 0.2836, 0.1812

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

14.8446, 0.3021, 0.2608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0029, 0.2836, 0.1812 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(151, 76, 179)` looks like.

```
.text, #text, p{  
    color:rgb(151, 76, 179)  
}
```

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(151, 76, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 76, 179) }
```

Border

The CSS property to change the border of an element to Yxy 15.0029, 0.2836, 0.1812 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(151, 76, 179) }
```

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

```
.border{ border-color:rgb(151, 76, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 76, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 76, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 76, 179);  
box-shadow:4px 4px 4px 4px rgb(151, 76,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0029, 0.2836, 0.1812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 76, 179) }
```

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

```
.background{ background-color: rgb(151, 76,  
179) }
```

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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