

Converting Colors

$Y_{xy}(14.9736, 0.3054, 0.1890)$

Have a look what the booklet for
Yxy(14.9736, 0.3054, 0.1890)
contains.

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Color

Yxy(15.0238, 0.3058, 0.1890)

Conversions

Conversions Part 1

Format	Color
Hex	A147AB
RGB	161, 71, 171
RGB Percent	63%, 28%, 67%
CMY	0.3685, 0.7217, 0.3293
CMYK	0.06, 0.59, 0.00, 0.33
HSL	294°, 41%, 47%
HSV	294°, 59%, 67%
XYZ	24.3083, 15.0238, 40.1589
YIQ	109.3100, 21.5400, 50.1800

Conversions

Conversions Part 2

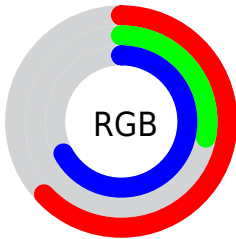
Format	Color
R_{YB}	161, 71, 171
Decimal	10569643
CIE _{Lab}	45.67, 51.57, -37.11
CIE _{LCh}	46, 63.534, 324.264
Yxy	15.0238, 0.3058, 0.1890
Android (android.graphics.Color)	4288759723 (0xFFA147AB)
YUV	109.3100, 30.4132, 45.3321
Hunter-Lab	38.7605, 44.1138, -34.2965

Details

The Yxy color **15.0238, 0.3058, 0.1890** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **31.3374, 0.3108, 0.5101**, and the grayscale version is **15.2912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.8668, 0.3093, 0.2157**, and **4.6115, 0.2965, 0.1465** is the 20% darker color. If you saturate the color by 10%, you get **12.9715, 0.3037, 0.1711**, and if you desaturate by 10%, it is **17.6919, 0.3077, 0.2102**.

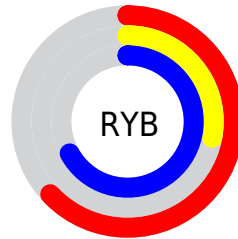
Distribution



Red (63%)

Green (28%)

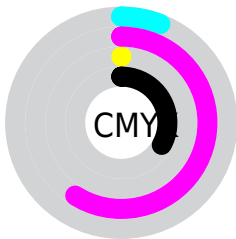
Blue (67%)



Red (63%)

Yellow (28%)

Blue (67%)

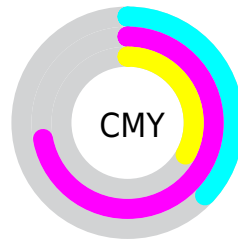


Cyan (6%)

Magenta (59%)

Yellow (0%)

Black (33%)



Cyan (37%)


Magenta (72%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0238, 0.3058, 0.1890 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 15.0238, 0.3058, 0.1890 by changing the saturation by 10% instead.


 15.0238, 0.3058,
0.1890


 15.0238, 0.3058,
0.1890


223.5102, 0.3129,
0.2621


 8.8361, 0.3024,
0.1703


 34.8949, 0.3095,
0.2160


 4.6344, 0.2970,
0.1465


 49.3471, 0.3105,
0.2261


 2.0344, 0.2876,
0.1157

 67.3230, 0.3112,
0.2345

 0.6273, 0.2705,
0.0733

 89.2068, 0.3118,
0.2417

 0.0000, 0.2395,
0.0000

 115.3831, 0.3122,
0.2479

 0.0000, 0.0000,
0.0000

146.2361, 0.3125,

0.2533

182.1504, 0.3127,
0.2580

■ 15.0238, 0.3058,
0.1890

■ 15.0238, 0.3058,
0.1890

■ 12.9715, 0.3037,
0.1711

■ 17.6919, 0.3077,
0.2102

■ 11.4801, 0.3014,
0.1570

■ 21.0206, 0.3092,
0.2336

■ 10.4885, 0.2989,
0.1473

■ 25.0527, 0.3105,
0.2584

■ 9.8865, 0.2964,
0.1413

■ 29.8269, 0.3115,
0.2836

■ 9.8058, 0.2960,
0.1404

■ 35.3792, 0.3123,
0.3085

■ 41.7430, 0.3128,
0.3325

■ 48.9500, 0.3131,
0.3552

■ 57.0299, 0.3132,
0.3763

■ 66.0113, 0.3133,
0.3958

Harmonies

Analogous

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



15.0238, 0.2007, 0.1594



15.0238, 0.3058, 0.1890



15.0238, 0.4398, 0.2440

Triad

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



15.0238, 0.3058, 0.1890



15.0238, 0.4875, 0.4778



15.0238, 0.1278, 0.2810

Complementary

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



15.0238, 0.3058, 0.1890



31.3374, 0.3108, 0.5101

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.



15.0238, 0.1809, 0.4299



15.0238, 0.3058, 0.1890



15.0238, 0.3873, 0.5556

Square

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



15.0238, 0.3058, 0.1890



15.0238, 0.5505, 0.3913



15.0238, 0.2768, 0.5562



15.0238, 0.1171, 0.1934

Rectangle

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



15.0238, 0.3058, 0.1890



15.0238, 0.5146, 0.2898



15.0238, 0.2768, 0.5562



15.0238, 0.1402, 0.3252

Sweetspot

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



15.0245, 0.3058, 0.1890



53.5719, 0.3116, 0.2841



10.1611, 0.2050, 0.1616



11.3726, 0.3113, 0.2769



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



15.0245, 0.3058, 0.1890



22.3981, 0.3031, 0.1668



14.8023, 0.3791, 0.2424



8.1068, 0.3122, 0.3065



7.4027, 0.2963, 0.1406



0.2174, 0.3042, 0.1450

Inverse Universe

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



13.7570, 0.4705, 0.3152



20.0777, 0.5267, 0.3149



31.6212, 0.2792, 0.4408



8.0279, 0.3271, 0.3268



6.5614, 0.6262, 0.3223



0.1866, 0.5754, 0.2943

Previews

White Background



This preview shows how the Yxy color 15.0238, 0.3058, 0.1890 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 15.0238, 0.3058, 0.1890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

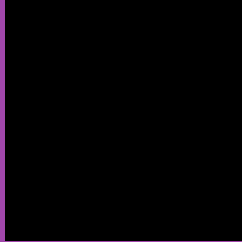
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.0238, 0.3058, 0.1890

Background



This preview shows how black text looks on a background with the Yxy color 15.0238, 0.3058, 0.1890.



This preview shows how white text looks on a background with the Yxy color 15.0238, 0.3058, 0.1890.

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

15.0238, 0.3058, 0.1890

Protanopia

15.2848, 0.1918, 0.1674

Deuteranopia

15.1993, 0.2286, 0.2236



Tritanopia

15.0394, 0.3987, 0.3173

Trichromacy



Original Color

15.0238, 0.3058, 0.1890

Protanomaly

14.0232, 0.2170, 0.1687

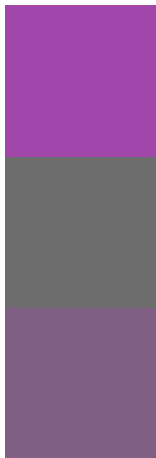
Deuteranomaly

14.3539, 0.2504, 0.2040

Tritanomaly

14.7899, 0.3618, 0.2624

Monochromacy



Original Color

15.0238, 0.3058, 0.1890

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.4396, 0.3102, 0.2611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0238, 0.3058, 0.1890 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(161, 71, 171)` looks like.

```
.text, #text, p{  
    color:rgb(161, 71, 171)  
}
```

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(161, 71, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 71, 171) }
```

Border

The CSS property to change the border of an element to Yxy 15.0238, 0.3058, 0.1890 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(161, 71, 171) }
```

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

```
.border{ border-color:rgb(161, 71, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 71, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 71, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 71, 171);  
box-shadow:4px 4px 4px 4px rgb(161, 71,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0238, 0.3058, 0.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 71, 171) }
```

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

```
.background{ background-color: rgb(161, 71,  
171) }
```

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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