

Converting Colors

$Y_{xy}(15.1580, 0.3058, 0.1895)$

Have a look what the booklet for
Yxy(15.1580, 0.3058, 0.1895)
contains.

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Color

Yxy(15.1521, 0.3058, 0.1901)

Conversions

Conversions Part 1

Format	Color
Hex	A148AB
RGB	161, 72, 171
RGB Percent	63%, 28%, 67%
CMY	0.3685, 0.7178, 0.3293
CMYK	0.06, 0.58, 0.00, 0.33
HSL	294°, 41%, 48%
HSV	294°, 58%, 67%
XYZ	24.3741, 15.1521, 40.1798
YIQ	109.8970, 21.2650, 49.6570

Conversions

Conversions Part 2

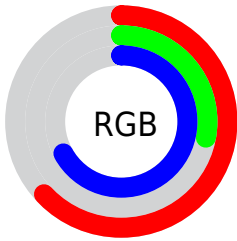
Format	Color
R_{YB}	161, 72, 171
Decimal	10569899
CIE _{Lab}	45.84, 51.10, -36.83
CIE _{LCh}	46, 62.992, 324.220
Yxy	15.1521, 0.3058, 0.1901
Android (android.graphics.Color)	4288759979 (0xFFA148AB)
YUV	109.8970, 30.1238, 44.8173
Hunter-Lab	38.9257, 43.6512, -33.9522

Details

The Yxy color **15.1521, 0.3058, 0.1901** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **31.3936, 0.3110, 0.5082**, and the grayscale version is **15.4674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1187, 0.3093, 0.2167**, and **4.6600, 0.2965, 0.1476** is the 20% darker color. If you saturate the color by 10%, you get **13.0641, 0.3037, 0.1719**, and if you desaturate by 10%, it is **17.8588, 0.3077, 0.2114**.

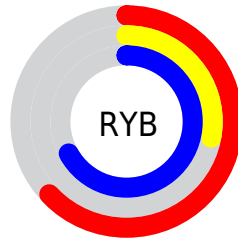
Distribution



Red (63%)

Green (28%)

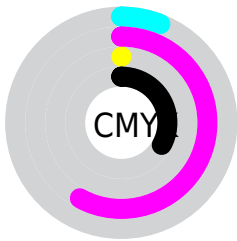
Blue (67%)



Red (63%)

Yellow (28%)

Blue (67%)

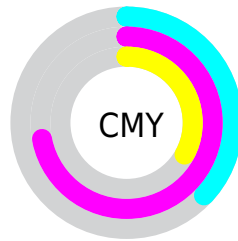


Cyan (6%)

Magenta (58%)

Yellow (0%)

Black (33%)



Cyan (37%)


Magenta (72%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.1521, 0.3058, 0.1901 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 15.1521, 0.3058, 0.1901 by changing the saturation by 10% instead.


 15.1521, 0.3058,
0.1901


 15.1521, 0.3058,
0.1901


224.2850, 0.3128,
0.2627


 8.9262, 0.3025,
0.1716


 35.1198, 0.3094,
0.2169


 4.6931, 0.2971,
0.1479


 49.6304, 0.3104,
0.2269


 2.0683, 0.2878,
0.1172

 67.6713, 0.3112,
0.2353

 0.6467, 0.2709,
0.0752

 89.6270, 0.3117,
0.2424

 0.0000, 0.2408,
0.0000

 115.8818, 0.3121,
0.2485

 0.0000, 0.0000,
0.0000

146.8201, 0.3124,

0.2539

182.8264, 0.3126,
0.2585

■ 15.1521, 0.3058,
0.1901

■ 15.1521, 0.3058,
0.1901

■ 13.0641, 0.3037,
0.1719

■ 17.8588, 0.3077,
0.2114

■ 11.5403, 0.3013,
0.1576

■ 21.2287, 0.3093,
0.2350

■ 10.5203, 0.2989,
0.1476

■ 25.3043, 0.3106,
0.2599

■ 9.9032, 0.2963,
0.1415

■ 30.1243, 0.3116,
0.2851

■ 9.7909, 0.2958,
0.1403

■ 35.7244, 0.3123,
0.3100

■ 42.1379, 0.3128,
0.3339

■ 49.3964, 0.3131,
0.3565

■ 57.5296, 0.3133,
0.3775

■ 66.5658, 0.3133,
0.3969

Harmonies

Analogous

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



15.1521, 0.2016, 0.1607



15.1521, 0.3058, 0.1901



15.1521, 0.4383, 0.2447

Triad

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



15.1521, 0.3058, 0.1901



15.1521, 0.4866, 0.4770



15.1521, 0.1294, 0.2819

Complementary

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



15.1521, 0.3058, 0.1901



31.3936, 0.3110, 0.5082

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.



15.1521, 0.1825, 0.4290



15.1521, 0.3058, 0.1901



15.1521, 0.3874, 0.5535

Square

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



15.1521, 0.3058, 0.1901



15.1521, 0.5485, 0.3914



15.1521, 0.2777, 0.5533



15.1521, 0.1185, 0.1948

Rectangle

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



15.1521, 0.3058, 0.1901



15.1521, 0.5123, 0.2903



15.1521, 0.2777, 0.5533



15.1521, 0.1418, 0.3257

Sweetspot

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



15.1528, 0.3058, 0.1901



54.5164, 0.3116, 0.2867



10.5840, 0.2068, 0.1663



11.7573, 0.3114, 0.2818



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.



15.1528, 0.3058, 0.1901



22.3785, 0.3029, 0.1667



14.9855, 0.3754, 0.2409



8.1065, 0.3122, 0.3065



7.3917, 0.2961, 0.1405



0.2172, 0.3041, 0.1449

Inverse Universe

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



13.8990, 0.4679, 0.3152



20.0798, 0.5265, 0.3147



31.6356, 0.2805, 0.4427



8.0280, 0.3271, 0.3267



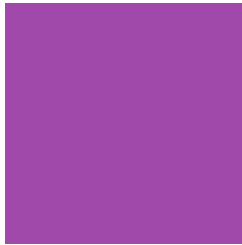
6.5617, 0.6261, 0.3223



0.1866, 0.5749, 0.2941

Previews

White Background



This preview shows how the Yxy color 15.1521, 0.3058, 0.1901 looks on a white background.

Color Contrast Check

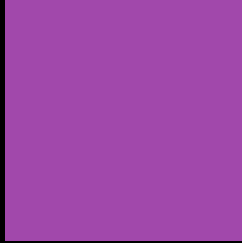
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1521, 0.3058, 0.1901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

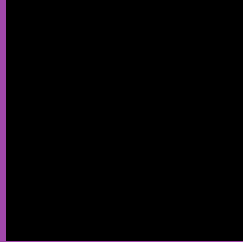
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.1521, 0.3058, 0.1901

Background



This preview shows how black text looks on a background with the Yxy color 15.1521, 0.3058, 0.1901.



This preview shows how white text looks on a background with the Yxy color 15.1521, 0.3058, 0.1901.

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

15.1521, 0.3058, 0.1901

Protanopia

15.5021, 0.1935, 0.1702

Deuteranopia

15.4929, 0.2291, 0.2243



Tritanopia

15.2115, 0.3981, 0.3190

Trichromacy



Original Color

15.1521, 0.3058, 0.1901



Protanomaly

14.2538, 0.2182, 0.1706



Deuteranomaly

14.5353, 0.2506, 0.2056



Tritanomaly

14.9462, 0.3615, 0.2640

Monochromacy



Original Color

15.1521, 0.3058, 0.1901



Achromatopsia

15.5926, 0.3127, 0.3290



Achromatomaly

14.6988, 0.3116, 0.2632

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1521, 0.3058, 0.1901 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, 72, 171)` looks like.

```
.text, #text, p{  
    color:rgb(161, 72, 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, 72, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 72, 171) }
```

Border

The CSS property to change the border of an element to Yxy 15.1521, 0.3058, 0.1901 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, 72, 171) }
```

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

```
.border{ border-color:rgb(161, 72, 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, 72, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 72, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 72, 171);  
box-shadow:4px 4px 4px 4px rgb(161, 72,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1521, 0.3058, 0.1901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 72, 171) }
```

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

```
.background{ background-color: rgb(161, 72,  
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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