

Converting Colors

$Y_{xy}(19.2249, 0.2737, 0.1524)$

Have a look what the booklet for
Yxy(19.2249, 0.2737, 0.1524)
contains.

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Color

Yxy(19.2199, 0.2736, 0.1524)

Conversions

Conversions Part 1

Format	Color
Hex	B543E0
RGB	181, 67, 224
RGB Percent	71%, 26%, 88%
CMY	0.2904, 0.7370, 0.1217
CMYK	0.19, 0.70, 0.00, 0.12
HSL	284°, 72%, 57%
HSV	284°, 70%, 88%
XYZ	34.5050, 19.2199, 72.3899
YIQ	118.9840, 17.5470, 72.9950

Conversions

Conversions Part 2

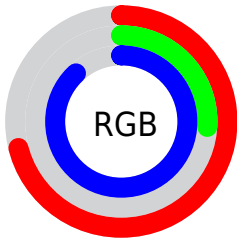
Format	Color
R _Y B	181, 67, 224
Decimal	11879392
CIE Lab	50.94, 68.14, -59.14
CIE LCh	51, 90.220, 319.044
Yxy	19.2199, 0.2736, 0.1524
Android (android.graphics.Color)	4290069472 (0xFFB543E0)
YUV	118.9840, 51.7729, 54.3880
Hunter-Lab	43.8405, 63.7690, -67.2119

Details

The Yxy color **19.2199, 0.2736, 0.1524** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **57.0218, 0.3228, 0.5397**, and the grayscale version is **18.2796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1606, 0.3052, 0.2003**, and **7.0381, 0.2545, 0.1175** is the 20% darker color. If you saturate the color by 10%, you get **16.3240, 0.2661, 0.1357**, and if you desaturate by 10%, it is **23.1795, 0.2810, 0.1733**.

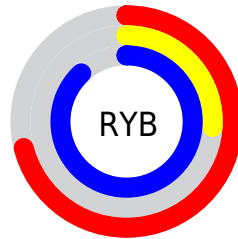
Distribution



Red (71%)

Green (26%)

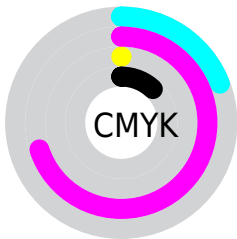
Blue (88%)



Red (71%)

Yellow (26%)

Blue (88%)

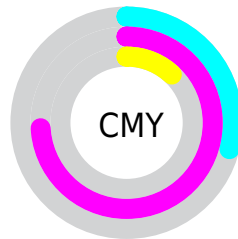


Cyan (19%)

Magenta (70%)

Yellow (0%)

Black (12%)



Cyan (29%)


Magenta (74%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2199, 0.2736, 0.1524 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 19.2199, 0.2736, 0.1524 by changing the saturation by 10% instead.


 19.2199, 0.2736,
0.1524


 19.2199, 0.2736,
0.1524


247.6601, 0.2991,
0.2360


 11.8293, 0.2656,
0.1340


 42.1053, 0.2841,
0.1811

 6.6275, 0.2547,
0.1122


 58.3690, 0.2877,
0.1924


 3.2303, 0.2390,
0.0864


 78.3590, 0.2906,
0.2022

 1.2531, 0.2159,
0.0569

 102.4600, 0.2930,
0.2107

 0.1045, 0.1839,
0.0090

 131.0561, 0.2949,
0.2182

 0.0000, 0.1268,
0.0000

164.5319, 0.2965,

 0.0000, 0.0000,

0.2248

0.0000

203.2718, 0.2979,
0.2307

■ 19.2199, 0.2736,
0.1524

■ 19.2199, 0.2736,
0.1524

■ 16.3240, 0.2661,
0.1357

■ 23.1795, 0.2810,
0.1733

■ 14.3628, 0.2587,
0.1237


■ 28.3069, 0.2879,
0.1974


■ 13.1200, 0.2516,
0.1160

■ 34.6964, 0.2943,
0.2236


■ 42.4316, 0.3000,
0.2508

■ 51.5891, 0.3050,
0.2778

 62.2395, 0.3092,
0.3040

 74.4487, 0.3127,
0.3289

 88.2786, 0.3156,
0.3520

 94.7705, 0.3189,
0.3603

Harmonies

Analogous

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



19.2199, 0.1591, 0.1250



19.2199, 0.2736, 0.1524



19.2199, 0.4447, 0.2096

Triad

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



19.2199, 0.2736, 0.1524



19.2199, 0.5306, 0.4694



19.2199, 0.0953, 0.2870

Complementary

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



19.2199, 0.2736, 0.1524



57.0218, 0.3228, 0.5397

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.



19.2199, 0.1591, 0.5029



19.2199, 0.2736, 0.1524



19.2199, 0.4054, 0.5891

Square

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



19.2199, 0.2736, 0.1524



19.2199, 0.6074, 0.3653



19.2199, 0.2733, 0.6452



19.2199, 0.0816, 0.1707

Rectangle

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



19.2199, 0.2736, 0.1524



19.2199, 0.5512, 0.2587



19.2199, 0.2733, 0.6452



19.2199, 0.1099, 0.3502

Sweetspot

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



19.2207, 0.2736, 0.1524



67.7842, 0.3045, 0.2749



18.0602, 0.1913, 0.1606



13.7478, 0.3032, 0.2674



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



19.2207, 0.2736, 0.1524



20.5637, 0.2627, 0.1296



23.5819, 0.3603, 0.2022



13.7368, 0.3094, 0.3056



7.6990, 0.2527, 0.1166



0.5774, 0.2636, 0.1226

Inverse Universe

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



20.9931, 0.4838, 0.2856



23.7432, 0.5388, 0.2887



55.4315, 0.2896, 0.5126



13.7620, 0.3249, 0.3226



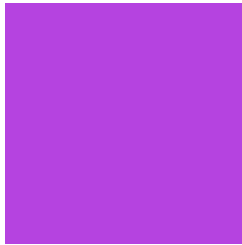
9.4397, 0.5843, 0.2992



0.6692, 0.5401, 0.2749

Previews

White Background



This preview shows how the Yxy color 19.2199, 0.2736, 0.1524 looks on a white background.

Color Contrast Check

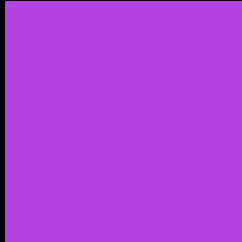
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 19.2199, 0.2736, 0.1524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

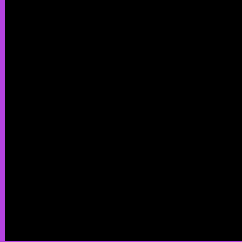
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2199, 0.2736, 0.1524

Background



This preview shows how black text looks on a background with the Yxy color 19.2199, 0.2736, 0.1524.



This preview shows how white text looks on a background with the Yxy color 19.2199, 0.2736, 0.1524.

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

19.2199, 0.2736, 0.1524

Protanopia

19.5621, 0.1735, 0.1447

Deuteranopia

19.5132, 0.1903, 0.1841



Tritanopia

18.9630, 0.3870, 0.3165

Trichromacy



Original Color

19.2199, 0.2736, 0.1524



Protanomaly

16.3732, 0.1821, 0.1329



Deuteranomaly

17.0896, 0.2047, 0.1589



Tritanomaly

18.3281, 0.3399, 0.2390

Monochromacy



Original Color

19.2199, 0.2736, 0.1524



Achromatopsia

18.4475, 0.3127, 0.3290



Achromatomaly

17.2994, 0.2978, 0.2364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2199, 0.2736, 0.1524 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(181, 67, 224)` looks like.

```
.text, #text, p{  
    color:rgb(181, 67, 224)  
}
```

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(181, 67, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 67, 224) }
```

Border

The CSS property to change the border of an element to Yxy 19.2199, 0.2736, 0.1524 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(181, 67, 224) }
```

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

```
.border{ border-color:rgb(181, 67, 224) }
```

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

Here you see how a box with a 4 pixel rgb(181, 67, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 67, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 67, 224);  
box-shadow:4px 4px 4px 4px rgb(181, 67,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2199, 0.2736, 0.1524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 67, 224) }
```

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

```
.background{ background-color: rgb(181, 67,  
224) }
```

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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