

Converting Colors

$Y_{xy}(15.2751, 0.3227, 0.1742)$

Have a look what the booklet for
Yxy(15.2751, 0.3227, 0.1742)
contains.

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Color

Yxy(15.2751, 0.3227, 0.1742)

Conversions

Conversions Part 1

Format	Color
Hex	B531B3
RGB	181, 49, 179
RGB Percent	71%, 19%, 70%
CMY	0.2901, 0.8080, 0.2980
CMYK	0.00, 0.73, 0.01, 0.29
HSL	301°, 57%, 45%
HSV	301°, 73%, 71%
XYZ	28.2966, 15.2751, 44.1154
YIQ	103.2880, 36.9420, 68.4140

Conversions

Conversions Part 2

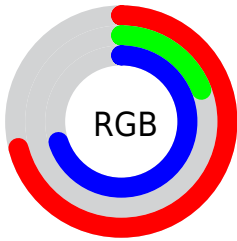
Format	Color
R_{YB}	181, 49, 179
Decimal	11874739
CIE _{Lab}	46.01, 66.58, -41.08
CIE _{LCh}	46, 78.238, 328.326
Yxy	15.2751, 0.3227, 0.1742
Android (android.graphics.Color)	4290064819 (0xFFB531B3)
YUV	103.2880, 37.3260, 68.1534
Hunter-Lab	39.0834, 60.8394, -39.5653

Details

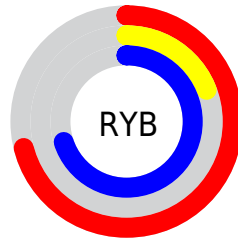
The Yxy color **15.2751, 0.3227, 0.1742** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **33.9483, 0.3012, 0.5561**, and the grayscale version is **13.5323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.2485, 0.3236, 0.2026**, and **5.7914, 0.3171, 0.1520** is the 20% darker color. If you saturate the color by 10%, you get **14.0438, 0.3236, 0.1643**, and if you desaturate by 10%, it is **17.1155, 0.3216, 0.1882**.

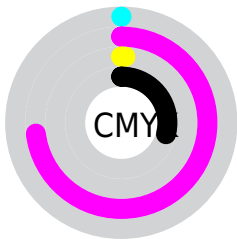
Distribution



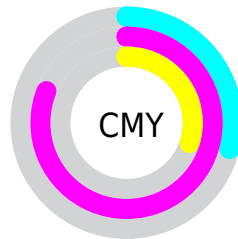
- Red (71%)
- Green (19%)
- Blue (70%)



- Red (71%)
- Yellow (19%)
- Blue (70%)



- Cyan (0%)
- Magenta (73%)
- Yellow (1%)
- Black (29%)





- Cyan (29%)
- Magenta (81%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2751, 0.3227, 0.1742 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 15.2751, 0.3227, 0.1742 by changing the saturation by 10% instead.


 15.2751, 0.3227,
0.1742


 15.2751, 0.3227,
0.1742


225.0253, 0.3212,
0.2528


 9.0127, 0.3216,
0.1551


 35.3351, 0.3232,
0.2026


 4.7495, 0.3190,
0.1312


 49.9014, 0.3231,
0.2134


 2.1010, 0.3136,
0.1012


 68.0045, 0.3228,
0.2225

 0.6652, 0.3024,
0.0629

 90.0288, 0.3225,
0.2303

 0.0000, 0.2819,
0.0000

 116.3586, 0.3222,
0.2370

 0.0000, 0.1130,
0.0000

147.3784, 0.3218,

 0.0000, 0.0000,

0.2430

0.0000

183.4725, 0.3215,
0.2482

■ 15.2751, 0.3227,
0.1742

■ 15.2751, 0.3227,
0.1742

■ 14.0438, 0.3236,
0.1643

■ 17.1155, 0.3216,
0.1882

■ 13.3417, 0.3243,
0.1586

■ 19.6281, 0.3203,
0.2060

■ 13.0522, 0.3247,
0.1563

■ 22.8702, 0.3189,
0.2268

■ 26.8926, 0.3174,
0.2497

■ 31.7415, 0.3160,
0.2737

■ 37.4595, 0.3145,
0.2981

■ 44.0863, 0.3131,
0.3221

■ 51.6591, 0.3118,
0.3451

■ 60.2131, 0.3106,
0.3669

Harmonies

Analogous

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



15.2751, 0.1938, 0.1381



15.2751, 0.3227, 0.1742



15.2751, 0.4872, 0.2374

Triad

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



15.2751, 0.3227, 0.1742



15.2751, 0.4924, 0.5050



15.2751, 0.0960, 0.2468

Complementary

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



15.2751, 0.3227, 0.1742



33.9483, 0.3012, 0.5561

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.



15.2751, 0.1428, 0.4243



15.2751, 0.3227, 0.1742



15.2751, 0.3668, 0.6043

Square

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



15.2751, 0.3227, 0.1742



15.2751, 0.5797, 0.3972



15.2751, 0.2429, 0.6037



15.2751, 0.0925, 0.1605

Rectangle

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



15.2751, 0.3227, 0.1742



15.2751, 0.5699, 0.2873



15.2751, 0.2429, 0.6037



15.2751, 0.1057, 0.2955

Sweetspot

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



15.2758, 0.3227, 0.1742



57.3862, 0.3159, 0.2751



6.1829, 0.1748, 0.1010



11.8676, 0.3163, 0.2687



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.



15.2758, 0.3227, 0.1742



24.2279, 0.3241, 0.1601



13.2580, 0.4301, 0.2452



8.6445, 0.3140, 0.3069



8.9962, 0.3247, 0.1562



0.2838, 0.3236, 0.1556

Inverse Universe

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



15.2758, 0.3227, 0.1742



24.2279, 0.3241, 0.1601



34.9472, 0.2688, 0.4498



8.6445, 0.3140, 0.3069



8.9962, 0.3247, 0.1562



0.2838, 0.3236, 0.1556

Previews

White Background



This preview shows how the Yxy color 15.2751, 0.3227, 0.1742 looks on a white background.

Color Contrast Check

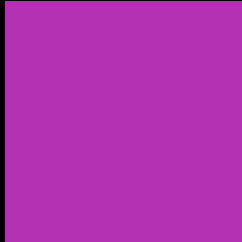
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2751, 0.3227, 0.1742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

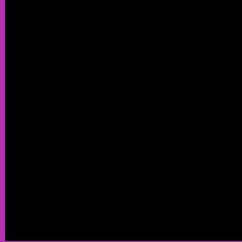
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.2751, 0.3227, 0.1742

Background



This preview shows how black text looks on a background with the Yxy color 15.2751, 0.3227, 0.1742.



This preview shows how white text looks on a background with the Yxy color 15.2751, 0.3227, 0.1742.

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

15.2751, 0.3227, 0.1742

Protanopia

15.7443, 0.1739, 0.1461

Deuteranopia

15.7164, 0.2230, 0.2183



Tritanopia

15.2309, 0.4516, 0.3206

Trichromacy



Original Color

15.2751, 0.3227, 0.1742



Protanomaly

12.2093, 0.1871, 0.1353



Deuteranomaly

13.7096, 0.2492, 0.1874



Tritanomaly

14.7263, 0.4048, 0.2569

Monochromacy



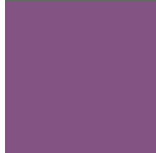
Original Color

15.2751, 0.3227, 0.1742



Achromatopsia

13.5633, 0.3127, 0.3290



Achromatomaly

12.6505, 0.3168, 0.2421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2751, 0.3227, 0.1742 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, 49, 179)` looks like.

```
.text, #text, p{  
    color:rgb(181, 49, 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(181, 49, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 49, 179) }
```

Border

The CSS property to change the border of an element to Yxy 15.2751, 0.3227, 0.1742 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, 49, 179) }
```

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

```
.border{ border-color:rgb(181, 49, 179) }
```

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

Here you see how a box with a 4 pixel rgb(181, 49, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 49, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 49, 179);  
box-shadow:4px 4px 4px 4px rgb(181, 49,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2751, 0.3227, 0.1742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 49, 179) }
```

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

```
.background{ background-color: rgb(181, 49,  
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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