

Converting Colors

Yxy(17.4667, 0.2454, 0.1162)

Have a look what the booklet for
Yxy(17.4667, 0.2454, 0.1162)
contains.

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Color

Yxy(17.5425, 0.2458, 0.1165)

Conversions

Conversions Part 1

Format	Color
Hex	B31AFF
RGB	179, 26, 255
RGB Percent	70%, 10%, 100%
CMY	0.2979, 0.8982, 0.0001
CMYK	0.30, 0.90, 0.00, 0.00
HSL	280°, 100%, 55%
HSV	280°, 90%, 100%
XYZ	37.0124, 17.5425, 96.0245
YIQ	97.8530, 17.6790, 103.6550

Conversions

Conversions Part 2

Format	Color
R _{YB}	179, 26, 255
Decimal	11737855
CIE Lab	48.94, 85.22, -79.84
CIE LCh	49, 116.778, 316.870
Yxy	17.5425, 0.2458, 0.1165
Android (android.graphics.Color)	4289927935 (0xFFB31AFF)
YUV	97.8530, 77.4735, 71.1659
Hunter-Lab	41.8838, 84.4427, -106.6121

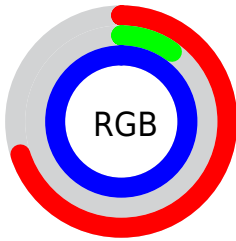
Details

The Yxy color **17.5425, 0.2458, 0.1165** is a light color, and the websafe version is hex **CC00FF**.

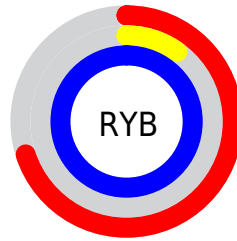
The color can be described as light washed purple. A complement of this color would be **74.3992, 0.3211, 0.5769**, and the grayscale version is **11.9716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.6689, 0.3055, 0.1812**, and **7.8828, 0.2226, 0.1000** is the 20% darker color. If you saturate the color by 10%, you get **15.8393, 0.2374, 0.1082**, and if you desaturate by 10%, it is **20.2523, 0.2547, 0.1294**.

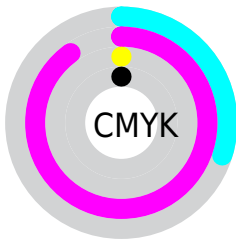
Distribution



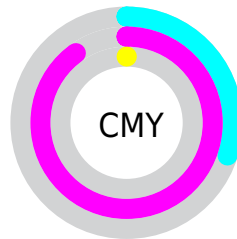
- Red (70%)
- Green (10%)
- Blue (100%)



- Red (70%)
- Yellow (10%)
- Blue (100%)



- Cyan (30%)
- Magenta (90%)
- Yellow (0%)
- Black (0%)




- Cyan (30%)
- Magenta (90%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5425, 0.2458, 0.1165 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 17.5425, 0.2458, 0.1165 by changing the saturation by 10% instead.


 17.5425, 0.2458,
0.1165


 17.5425, 0.2458,
0.1165


238.2795, 0.2870,
0.2106


 10.6220, 0.2342,
0.0980


 39.2562, 0.2620,
0.1471


 5.8133, 0.2191,
0.0772


 54.8182, 0.2677,
0.1597

 2.7319, 0.1990,
0.0545


 74.0295, 0.2725,
0.1708

 0.9934, 0.1719,
0.0314

 97.2746, 0.2764,
0.1806

 0.0000, 0.1371,
0.0000

 124.9377, 0.2797,
0.1894

 0.0000, 0.0891,
0.0000

 157.4033, 0.2825,

 0.0000, 0.0000,

0.1972

0.0000

195.0558, 0.2849,
0.2042

■ 17.5425, 0.2458,
0.1165

■ 17.5425, 0.2458,
0.1165

■ 15.8393, 0.2374,
0.1082

■ 20.2523, 0.2547,
0.1294

■ 15.8127, 0.2372,
0.1081

■ 24.2472, 0.2638,
0.1472

■ 29.7028, 0.2729,
0.1694

■ 36.7661, 0.2815,
0.1947

■ 45.5660, 0.2895,
0.2220

■ 56.2177, 0.2967,
0.2500

■ 68.8266, 0.3029,
0.2777

■ 83.4899, 0.3083,
0.3044

■ 99.9986, 0.3127,
0.3290

Harmonies

Analogous

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



17.5425, 0.1215, 0.0907



17.5425, 0.2458, 0.1165



17.5425, 0.4634, 0.1753

Triad

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



17.5425, 0.2458, 0.1165



17.5425, 0.5550, 0.4450



17.5425, 0.0570, 0.2768

Complementary

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



17.5425, 0.2458, 0.1165



74.3992, 0.3211, 0.5769

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.



17.5425, 0.1182, 0.5943



17.5425, 0.2458, 0.1165



17.5425, 0.3922, 0.6078

Square

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



17.5425, 0.2458, 0.1165



17.5425, 0.6686, 0.3314



17.5425, 0.2390, 0.7475



17.5425, 0.0476, 0.1371

Rectangle

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



17.5425, 0.2458, 0.1165



17.5425, 0.6085, 0.2263



17.5425, 0.2390, 0.7475



17.5425, 0.0697, 0.3649

Sweetspot

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



17.5431, 0.2458, 0.1165



59.5853, 0.2985, 0.2579



16.9980, 0.1698, 0.1242



11.8888, 0.2963, 0.2484



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.



17.5431, 0.2458, 0.1165



15.8157, 0.2372, 0.1081



26.9922, 0.3632, 0.1812



17.9810, 0.3085, 0.3052



8.3489, 0.2386, 0.1088



0.8726, 0.2481, 0.1140

Inverse Universe

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



22.9497, 0.5392, 0.2813



21.9088, 0.5697, 0.2912



72.0968, 0.2944, 0.5720



18.0864, 0.3242, 0.3211



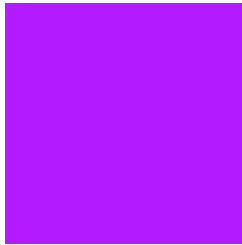
11.4724, 0.5653, 0.2888



1.1363, 0.5335, 0.2713

Previews

White Background



This preview shows how the Yxy color 17.5425, 0.2458, 0.1165 looks on a white background.

Color Contrast Check

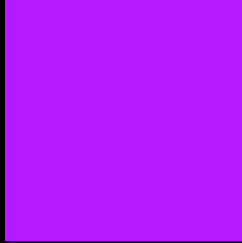
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5425, 0.2458, 0.1165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

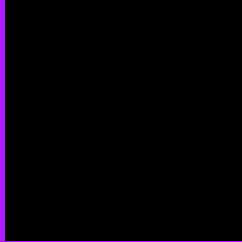
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5425, 0.2458, 0.1165

Background



This preview shows how black text looks on a background with the Yxy color 17.5425, 0.2458, 0.1165.



This preview shows how white text looks on a background with the Yxy color 17.5425, 0.2458, 0.1165.

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

17.5425, 0.2458, 0.1165

Protanopia

17.9247, 0.1743, 0.1474

Deuteranopia

17.8892, 0.1848, 0.1851



Tritanopia

17.4769, 0.3785, 0.3174

Trichromacy



Original Color

17.5425, 0.2458, 0.1165



Protanomaly

13.5403, 0.1757, 0.1109



Deuteranomaly

13.1612, 0.1820, 0.1263



Tritanomaly

15.2927, 0.3200, 0.2033

Monochromacy



Original Color

17.5425, 0.2458, 0.1165



Achromatopsia

12.2139, 0.3127, 0.3290



Achromatomaly

11.5133, 0.2792, 0.1892

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5425, 0.2458, 0.1165 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(179, 26, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 26, 255)  
}
```

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(179, 26, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 26, 255) }
```

Border

The CSS property to change the border of an element to Yxy 17.5425, 0.2458, 0.1165 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(179, 26, 255) }
```

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

```
.border{ border-color:rgb(179, 26, 255) }
```

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

Here you see how a box with a 4 pixel rgb(179, 26, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 26, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 26, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 26,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5425, 0.2458, 0.1165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 26, 255) }
```

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

```
.background{ background-color: rgb(179, 26,  
255) }
```

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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