

Converting Colors

$Y_{xy}(26.1798, 0.1844, 0.1839)$

Have a look what the booklet for
Yxy(26.1798, 0.1844, 0.1839)
contains.

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Color

Yxy(26.2375, 0.1845, 0.1840)

Conversions

Conversions Part 1

Format	Color
Hex	018FF5
RGB	1, 143, 245
RGB Percent	0%, 56%, 96%
CMY	0.9967, 0.4393, 0.0393
CMYK	1.00, 0.42, 0.00, 0.04
HSL	205°, 99%, 48%
HSV	205°, 100%, 96%
XYZ	26.3088, 26.2375, 90.0488
YIQ	112.1700, -117.3740, 1.6180

Conversions

Conversions Part 2

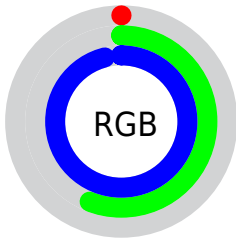
Format	Color
R _Y B	1, 91, 245
Decimal	102389
CIE Lab	58.26, 5.76, -59.69
CIE LCh	58, 59.971, 275.512
Yxy	26.2375, 0.1845, 0.1840
Android (android.graphics.Color)	4278292469 (0xFF018FF5)
YUV	112.1700, 65.4852, -97.4961
Hunter-Lab	51.2226, 2.0412, -68.3755

Details

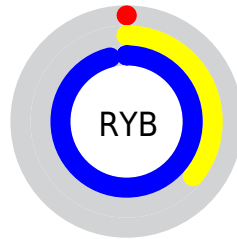
The Yxy color **26.2375, 0.1845, 0.1840** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark saturated azure. A complement of this color would be **29.0797, 0.5668, 0.3879**, and the grayscale version is **16.0689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0149, 0.2254, 0.2550**, and **11.6362, 0.1771, 0.1576** is the 20% darker color. If you saturate the color by 10%, you get **26.1269, 0.1843, 0.1835**, and if you desaturate by 10%, it is **29.6580, 0.1906, 0.1996**.

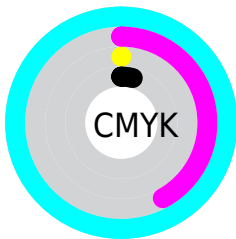
Distribution



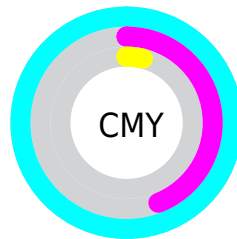
- Red (0%)
- Green (56%)
- Blue (96%)



- Red (0%)
- Yellow (36%)
- Blue (96%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (4%)





- Cyan (100%)
- Magenta (44%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2375, 0.1845, 0.1840 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 26.2375, 0.1845, 0.1840 by changing the saturation by 10% instead.


 26.2375, 0.1845,
0.1840


 26.2375, 0.1845,
0.1840


283.9460, 0.2493,
0.2560


 17.0014, 0.1691,
0.1673


 53.6578, 0.2077,
0.2094


 10.2355, 0.1502,
0.1469


 72.6109, 0.2165,
0.2192


 5.5554, 0.1267,
0.1219

 95.5717, 0.2240,
0.2276

 2.5767, 0.0977,
0.0916

 122.9246, 0.2305,
0.2349

 0.9149, 0.0631,
0.0566

 155.0542, 0.2362,
0.2412

 0.0000, 0.0000,
0.0000

192.3446, 0.2411,

0.2467

235.1805, 0.2454,
0.2516

■ 26.2375, 0.1845,
0.1840

■ 26.2375, 0.1845,
0.1840

■ 26.1269, 0.1843,
0.1835

■ 29.6580, 0.1906,
0.1996

■ 33.6227, 0.1987,
0.2158

■ 38.2142, 0.2091,
0.2322

■ 43.4856, 0.2214,
0.2486

■ 49.4828, 0.2353,
0.2645

■ 56.2464, 0.2503,
0.2796

■ 63.8130, 0.2659,
0.2938

■ 72.2169, 0.2819,
0.3068

■ 81.4896, 0.2977,
0.3187

Harmonies

Analogous

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



26.2375, 0.1521, 0.2039



26.2375, 0.1845, 0.1840



26.2375, 0.2509, 0.1936

Triad

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



26.2375, 0.1845, 0.1840



26.2375, 0.5061, 0.3478



26.2375, 0.2568, 0.4734

Complementary

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



26.2375, 0.1845, 0.1840



29.0797, 0.5668, 0.3879

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.



26.2375, 0.3484, 0.5180



26.2375, 0.1845, 0.1840



26.2375, 0.4966, 0.4175

Square

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



26.2375, 0.1845, 0.1840



26.2375, 0.4490, 0.2828



26.2375, 0.4357, 0.4841



26.2375, 0.1858, 0.3631

Rectangle

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



26.2375, 0.1845, 0.1840



26.2375, 0.3133, 0.2142



26.2375, 0.4357, 0.4841



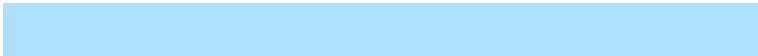
26.2375, 0.2864, 0.4984

Sweetspot

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



26.2383, 0.1845, 0.1840



69.5411, 0.2653, 0.2932



66.2700, 0.2806, 0.5301



14.1150, 0.2586, 0.2873



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.



26.2383, 0.1845, 0.1840



28.5468, 0.1842, 0.1832



7.1403, 0.1513, 0.0645



17.5298, 0.2980, 0.3189



14.3573, 0.1850, 0.1860



1.4647, 0.1905, 0.2056

Inverse Universe

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



21.4104, 0.4637, 0.2330



23.4130, 0.4648, 0.2334



73.0655, 0.4349, 0.4928



16.6444, 0.3202, 0.3153



11.5487, 0.4614, 0.2316



1.0355, 0.4390, 0.2192

Previews

White Background



This preview shows how the Yxy color 26.2375, 0.1845, 0.1840 looks on a white background.

Color Contrast Check

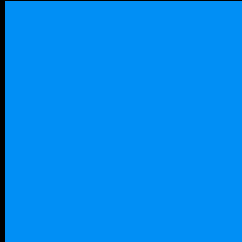
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2375, 0.1845, 0.1840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

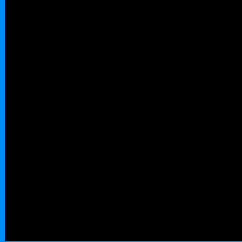
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

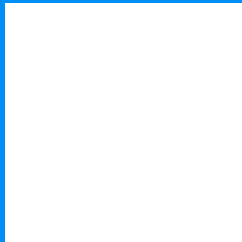
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.2375, 0.1845, 0.1840

Background



This preview shows how black text looks on a background with the Yxy color 26.2375, 0.1845, 0.1840.



This preview shows how white text looks on a background with the Yxy color 26.2375, 0.1845, 0.1840.

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

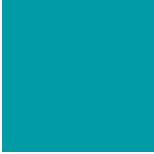
26.2439, 0.1845, 0.1840

Protanopia

26.2143, 0.2074, 0.1878

Deuteranopia

26.2232, 0.1892, 0.1829



Tritanopia

26.1593, 0.2195, 0.3102

Trichromacy



Original Color

26.2439, 0.1845, 0.1840

Protanomaly

25.8082, 0.1936, 0.1848

Deuteranomaly

26.2146, 0.1867, 0.1834

Tritanomaly

26.0283, 0.2044, 0.2557

Monochromacy



Original Color

26.2439, 0.1845, 0.1840

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

18.0817, 0.2297, 0.2580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2375, 0.1845, 0.1840 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(1, 143, 245)` looks like.

```
.text, #text, p{  
  color:rgb(1, 143, 245)  
}
```

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(1, 143, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 143, 245) }
```

Border

The CSS property to change the border of an element to Yxy 26.2375, 0.1845, 0.1840 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(1, 143, 245) }
```

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

```
.border{ border-color:rgb(1, 143, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 143, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 143, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 143, 245);  
box-shadow:4px 4px 4px 4px rgb(1, 143,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2375, 0.1845, 0.1840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 143, 245) }
```

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

```
.background{ background-color: rgb(1, 143,  
245) }
```

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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