

Converting Colors

$Y_{xy}(15.0519, 0.0405, 0.1295)$

Have a look what the booklet for
Yxy(15.0519, 0.0405, 0.1295)
contains.

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Color

Yxy(26.8007, 0.1823, 0.1763)

Conversions

Conversions Part 1

Format	Color
Hex	008FFE
RGB	0, 143, 254
RGB Percent	0%, 56%, 100%
CMY	1.0000, 0.4392, 0.0038
CMYK	1.00, 0.44, 0.00, 0.00
HSL	206°, 100%, 50%
HSV	206°, 100%, 100%
XYZ	27.7128, 26.8007, 97.5041
YIQ	112.8970, -120.8590, 4.2050

Conversions

Conversions Part 2

Format	Color
R _{YB}	0, 91, 254
Decimal	36862
CIE _{Lab}	58.79, 9.18, -63.83
CIE _{LCh}	59, 64.485, 278.187
Yxy	26.8007, 0.1823, 0.1763
Android (android.graphics.Color)	4278226942 (0xFF008FFE)
YUV	112.8970, 69.5638, -99.0107
Hunter-Lab	51.7694, 4.9569, -75.4300

Details

The Yxy color **26.8007, 0.1823, 0.1763** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **32.4522, 0.5622, 0.3918**, and the grayscale version is **16.3000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1446, 0.2263, 0.2551**, and **11.9909, 0.1751, 0.1503** is the 20% darker color. If you saturate the color by 10%, you get **26.8031, 0.1823, 0.1763**, and if you desaturate by 10%, it is **30.5152, 0.1885, 0.1925**.

Distribution



- Red (0%)
- Green (56%)
- Blue (100%)



- Red (0%)
- Yellow (36%)
- Blue (100%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (100%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8007, 0.1823, 0.1763 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 26.8007, 0.1823, 0.1763 by changing the saturation by 10% instead.


 26.8007, 0.1823,
0.1763


 26.8007, 0.1823,
0.1763


286.6908, 0.2477,
0.2508


 17.4236, 0.1670,
0.1594


 54.5639, 0.2055,
0.2023

 10.5370, 0.1482,
0.1391


 73.7188, 0.2144,
0.2124

 5.7564, 0.1252,
0.1146


 96.9017, 0.2221,
0.2211

 2.6975, 0.0970,
0.0854

 124.4971, 0.2286,
0.2286

 0.9759, 0.0637,
0.0524

 156.8893, 0.2343,
0.2352

 0.0000, 0.0099,
0.0000

194.4627, 0.2394,

 0.0000, 0.0000,

0.2410

0.0000

237.6018, 0.2438,
0.2462

■ 26.8007, 0.1823,
0.1763

■ 26.8007, 0.1823,
0.1763

■ 26.8031, 0.1823,
0.1763

■ 30.5152, 0.1885,
0.1925

■ 34.8416, 0.1968,
0.2094

■ 39.8753, 0.2074,
0.2267

■ 45.6762, 0.2199,
0.2439

■ 52.2956, 0.2340,
0.2606

■ 59.7791, 0.2493,
0.2766

■ 68.1681, 0.2651,
0.2915

■ 77.5009, 0.2812,
0.3053

■ 87.8130, 0.2972,
0.3178

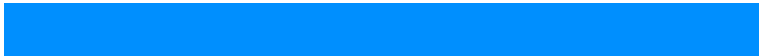
Harmonies

Analogous

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



26.8007, 0.1458, 0.1933



26.8007, 0.1823, 0.1763



26.8007, 0.2548, 0.1890

Triad

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



26.8007, 0.1823, 0.1763



26.8007, 0.5201, 0.3531



26.8007, 0.2443, 0.4760

Complementary

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



26.8007, 0.1823, 0.1763



32.4522, 0.5622, 0.3918

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.



26.8007, 0.3397, 0.5310



26.8007, 0.1823, 0.1763



26.8007, 0.5024, 0.4263

Square

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



26.8007, 0.1823, 0.1763



26.8007, 0.4660, 0.2852



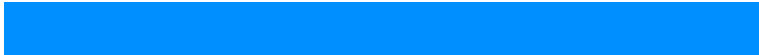
26.8007, 0.4332, 0.4971



26.8007, 0.1733, 0.3535

Rectangle

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



26.8007, 0.1823, 0.1763



26.8007, 0.3226, 0.2119



26.8007, 0.4332, 0.4971



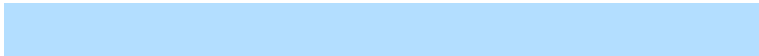
26.8007, 0.2747, 0.5055

Sweetspot

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



26.8031, 0.1823, 0.1763



68.7554, 0.2651, 0.2915



72.0311, 0.2794, 0.5259



13.9284, 0.2584, 0.2853



0.0000, 0.0000, 0.0000



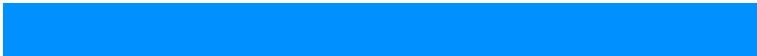
21.4041, 0.3127, 0.3290

Same Dimension

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



26.8031, 0.1823, 0.1763



27.0294, 0.1823, 0.1763



7.5567, 0.1508, 0.0630



19.0745, 0.2979, 0.3184



14.4261, 0.1830, 0.1789



1.6222, 0.1882, 0.1975

Inverse Universe

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



23.0600, 0.4730, 0.2379



23.2598, 0.4730, 0.2379



81.7007, 0.4317, 0.4954



18.1584, 0.3206, 0.3157



12.1843, 0.4698, 0.2362



1.2083, 0.4481, 0.2242

Previews

White Background



This preview shows how the Yxy color 26.8007, 0.1823, 0.1763 looks on a white background.

Color Contrast Check

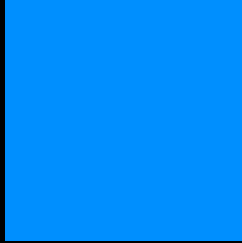
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8007, 0.1823, 0.1763 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

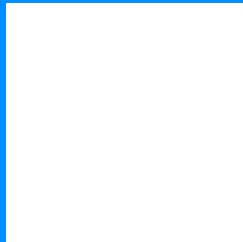
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.8007, 0.1823, 0.1763

Background



This preview shows how black text looks on a background with the Yxy color 26.8007, 0.1823, 0.1763.

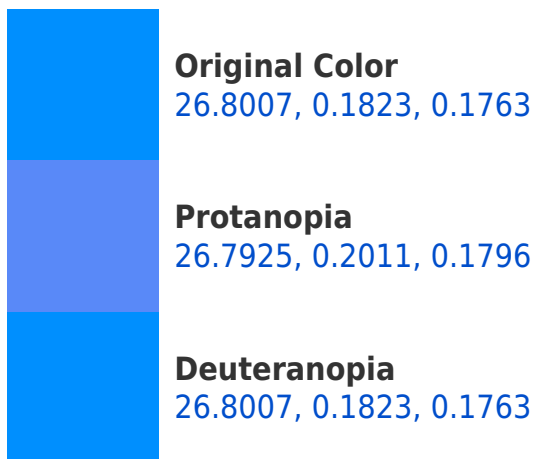


This preview shows how white text looks on a background with the Yxy color 26.8007, 0.1823, 0.1763.

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





Tritanopia

26.5670, 0.2190, 0.3085

Trichromacy



Original Color

26.8007, 0.1823, 0.1763

Protanomaly

26.2372, 0.1898, 0.1768

Deuteranomaly

26.8007, 0.1823, 0.1763

Tritanomaly

26.2567, 0.2024, 0.2486

Monochromacy



Original Color

26.8007, 0.1823, 0.1763

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

18.4734, 0.2275, 0.2535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8007, 0.1823, 0.1763 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(0, 143, 254)` looks like.

```
.text, #text, p{  
    color:rgb(0, 143, 254)  
}
```

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(0, 143, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 143, 254) }
```

Border

The CSS property to change the border of an element to Yxy 26.8007, 0.1823, 0.1763 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(0, 143, 254) }
```

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

```
.border{ border-color:rgb(0, 143, 254) }
```

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

Here you see how a box with a 4 pixel rgb(0, 143, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 143, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 143, 254);  
box-shadow:4px 4px 4px 4px rgb(0, 143,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8007, 0.1823, 0.1763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 143, 254) }
```

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

```
.background{ background-color: rgb(0, 143,  
254) }
```

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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