

Converting Colors

$Y_{xy}(26.3441, 0.1822, 0.1759)$

Have a look what the booklet for
Yxy(26.3441, 0.1822, 0.1759)
contains.

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Color

Yxy(26.3743, 0.1824, 0.1766)

Conversions

Conversions Part 1

Format	Color
Hex	008EFC
RGB	0, 142, 252
RGB Percent	0%, 56%, 99%
CMY	0.9997, 0.4431, 0.0119
CMYK	1.00, 0.44, 0.00, 0.01
HSL	206°, 100%, 49%
HSV	206°, 100%, 99%
XYZ	27.2405, 26.3743, 95.7300
YIQ	112.0820, -119.9420, 4.1060

Conversions

Conversions Part 2

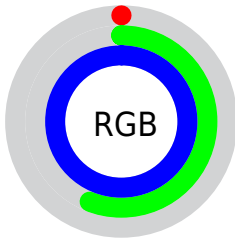
Format	Color
R _Y B	0, 91, 252
Decimal	36604
CIE Lab	58.39, 9.01, -63.34
CIE LCh	58, 63.976, 278.094
Yxy	26.3743, 0.1824, 0.1766
Android (android.graphics.Color)	4278226684 (0xFF008EFC)
YUV	112.0820, 68.9796, -98.2959
Hunter-Lab	51.3559, 4.8081, -74.5704

Details

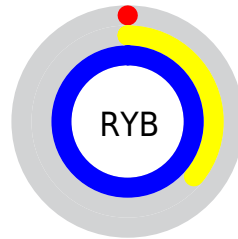
The Yxy color **26.3743, 0.1824, 0.1766** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **31.8506, 0.5623, 0.3917**, and the grayscale version is **16.0554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.6297, 0.2256, 0.2537**, and **11.7688, 0.1749, 0.1495** is the 20% darker color. If you saturate the color by 10%, you get **26.3661, 0.1824, 0.1766**, and if you desaturate by 10%, it is **30.0213, 0.1886, 0.1928**.

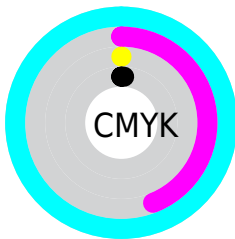
Distribution



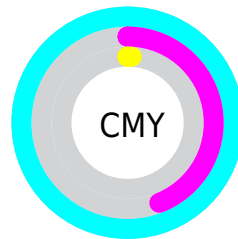
- Red (0%)
- Green (56%)
- Blue (99%)



- Red (0%)
- Yellow (36%)
- Blue (99%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (1%)





- Cyan (100%)
- Magenta (44%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3743, 0.1824, 0.1766 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 26.3743, 0.1824, 0.1766 by changing the saturation by 10% instead.


 26.3743, 0.1824,
0.1766


 26.3743, 0.1824,
0.1766


284.6147, 0.2480,
0.2512


 17.1039, 0.1670,
0.1596


 53.8782, 0.2057,
0.2027

 10.3086, 0.1481,
0.1392


 72.8804, 0.2147,
0.2128


 5.6040, 0.1249,
0.1144


 95.8953, 0.2223,
0.2215

 2.6058, 0.0964,
0.0850

 123.3074, 0.2289,
0.2291

 0.9296, 0.0628,
0.0517

 155.5010, 0.2346,
0.2357

 0.0000, 0.0054,
0.0000

192.8604, 0.2396,

 0.0000, 0.0000,

0.2415

0.0000

235.7702, 0.2440,
0.2466

■ 26.3743, 0.1824,
0.1766

■ 26.3743, 0.1824,
0.1766

■ 26.3661, 0.1824,
0.1766

■ 30.0213, 0.1886,
0.1928

■ 34.2697, 0.1969,
0.2097

■ 39.2115, 0.2075,
0.2269

■ 44.9054, 0.2200,
0.2441

■ 51.4015, 0.2341,
0.2608

■ 58.7445, 0.2493,
0.2767

■ 66.9750, 0.2652,
0.2916

■ 76.1305, 0.2813,
0.3053

■ 86.2458, 0.2972,
0.3178

Harmonies

Analogous

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



26.3743, 0.1460, 0.1937



26.3743, 0.1824, 0.1766



26.3743, 0.2547, 0.1892

Triad

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



26.3743, 0.1824, 0.1766



26.3743, 0.5196, 0.3529



26.3743, 0.2448, 0.4759

Complementary

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



26.3743, 0.1824, 0.1766



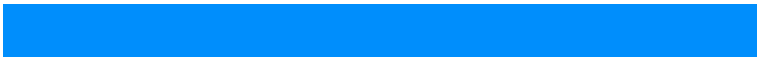
31.8506, 0.5623, 0.3917

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.



26.3743, 0.3400, 0.5305



26.3743, 0.1824, 0.1766



26.3743, 0.5022, 0.4259

Square

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



26.3743, 0.1824, 0.1766



26.3743, 0.4654, 0.2851



26.3743, 0.4333, 0.4966



26.3743, 0.1738, 0.3539

Rectangle

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



26.3743, 0.1824, 0.1766



26.3743, 0.3222, 0.2120



26.3743, 0.4333, 0.4966



26.3743, 0.2752, 0.5052

Sweetspot

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



26.3751, 0.1824, 0.1766



68.7769, 0.2651, 0.2915



70.7153, 0.2794, 0.5258



13.9335, 0.2584, 0.2854



0.0000, 0.0000, 0.0000



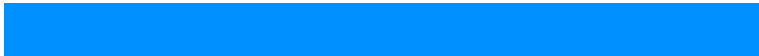
21.4041, 0.3127, 0.3290

Same Dimension

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



26.3751, 0.1824, 0.1766



27.0702, 0.1824, 0.1765



7.4237, 0.1509, 0.0630



18.2659, 0.2980, 0.3184



14.0361, 0.1831, 0.1793



1.5110, 0.1885, 0.1987

Inverse Universe

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



22.6456, 0.4726, 0.2377



23.2639, 0.4728, 0.2378



80.2121, 0.4317, 0.4954



17.3891, 0.3205, 0.3157



11.8279, 0.4694, 0.2360



1.1168, 0.4467, 0.2235

Previews

White Background



This preview shows how the Yxy color 26.3743, 0.1824, 0.1766 looks on a white background.

Color Contrast Check

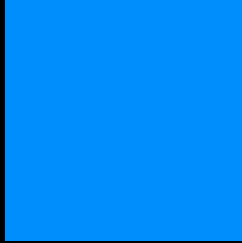
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3743, 0.1824, 0.1766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

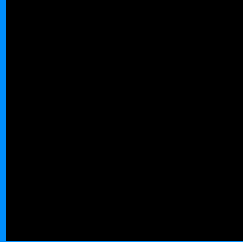
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

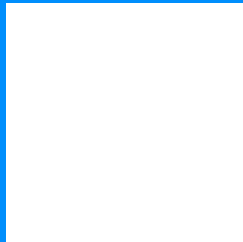
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.3743, 0.1824, 0.1766

Background



This preview shows how black text looks on a background with the Yxy color 26.3743, 0.1824, 0.1766.



This preview shows how white text looks on a background with the Yxy color 26.3743, 0.1824, 0.1766.

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

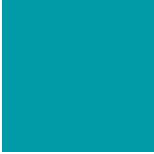
26.3743, 0.1824, 0.1766

Protanopia

26.3860, 0.2015, 0.1799

Deuteranopia

26.3872, 0.1825, 0.1766



Tritanopia

26.1959, 0.2190, 0.3084

Trichromacy



Original Color

26.3743, 0.1824, 0.1766

Protanomaly

25.8241, 0.1900, 0.1770

Deuteranomaly

26.3807, 0.1825, 0.1766

Tritanomaly

25.8439, 0.2027, 0.2496

Monochromacy



Original Color

26.3743, 0.1824, 0.1766

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

18.1499, 0.2271, 0.2530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3743, 0.1824, 0.1766 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, 142, 252)` looks like.

```
.text, #text, p{  
    color:rgb(0, 142, 252)  
}
```

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, 142, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 142, 252) }
```

Border

The CSS property to change the border of an element to Yxy 26.3743, 0.1824, 0.1766 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, 142, 252) }
```

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

```
.border{ border-color:rgb(0, 142, 252) }
```

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

Here you see how a box with a 4 pixel rgb(0, 142, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 142, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 142, 252);  
box-shadow:4px 4px 4px 4px rgb(0, 142,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3743, 0.1824, 0.1766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 142, 252) }
```

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

```
.background{ background-color: rgb(0, 142,  
252) }
```

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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