

Converting Colors

$Yxy(25.3144, 0.1816, 0.1738)$

Have a look what the booklet for
Yxy(25.3144, 0.1816, 0.1738)
contains.

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Color

Yxy(25.3674, 0.1817, 0.1740)

Conversions

Conversions Part 1

Format	Color
Hex	008BFA
RGB	0, 139, 250
RGB Percent	0%, 55%, 98%
CMY	0.9982, 0.4549, 0.0197
CMYK	1.00, 0.44, 0.00, 0.02
HSL	207°, 100%, 49%
HSV	207°, 100%, 98%
XYZ	26.4900, 25.3674, 93.9323
YIQ	110.0930, -118.4750, 5.0530

Conversions

Conversions Part 2

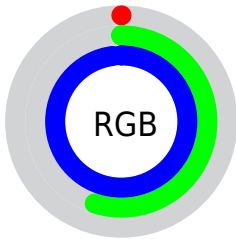
Format	Color
R _{YB}	0, 89, 250
Decimal	35834
CIE Lab	57.43, 10.09, -63.79
CIE LCh	57, 64.578, 278.985
Yxy	25.3674, 0.1817, 0.1740
Android (android.graphics.Color)	4278225914 (0xFF008BFA)
YUV	110.0930, 68.9742, -96.5516
Hunter-Lab	50.3661, 5.7413, -75.3191

Details

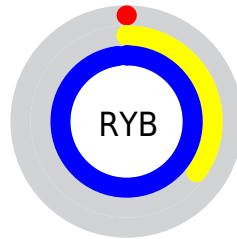
The Yxy color **25.3674, 0.1817, 0.1740** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **31.7913, 0.5594, 0.3939**, and the grayscale version is **15.4856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.2988, 0.2247, 0.2497**, and **11.1626, 0.1740, 0.1462** is the 20% darker color. If you saturate the color by 10%, you get **25.3056, 0.1816, 0.1737**, and if you desaturate by 10%, it is **28.9633, 0.1880, 0.1905**.

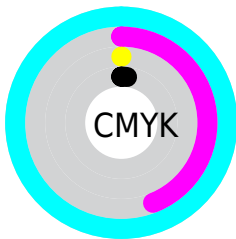
Distribution



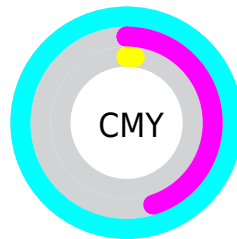
- Red (0%)
- Green (55%)
- Blue (98%)



- Red (0%)
- Yellow (35%)
- Blue (98%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (2%)





- Cyan (100%)
- Magenta (45%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3674, 0.1817, 0.1740 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 25.3674, 0.1817, 0.1740 by changing the saturation by 10% instead.


 25.3674, 0.1817,
0.1740


 25.3674, 0.1817,
0.1740


279.6627, 0.2480,
0.2500


 16.3510, 0.1661,
0.1567


 52.2526, 0.2053,
0.2006

 9.7729, 0.1469,
0.1359


 70.8902, 0.2144,
0.2109


 5.2486, 0.1232,
0.1108

 93.5037, 0.2221,
0.2198

 2.3939, 0.0943,
0.0810

 120.4774, 0.2287,
0.2275

 0.8227, 0.0604,
0.0477

 152.1958, 0.2345,
0.2342

 0.0000, 0.0000,
0.0000

189.0432, 0.2395,

0.2401

231.4040, 0.2440,
0.2453

■ 25.3674, 0.1817,
0.1740

■ 25.3674, 0.1817,
0.1740

■ 25.3056, 0.1816,
0.1737

■ 28.9633, 0.1880,
0.1905

■ 33.1631, 0.1965,
0.2076

■ 38.0560, 0.2072,
0.2252

■ 43.6999, 0.2199,
0.2427

■ 50.1444, 0.2341,
0.2597

■ 57.4338, 0.2494,
0.2759

■ 65.6081, 0.2654,
0.2911

■ 74.7046, 0.2815,
0.3051

■ 84.7578, 0.2975,
0.3178

Harmonies

Analogous

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



25.3674, 0.1439, 0.1902



25.3674, 0.1817, 0.1740



25.3674, 0.2561, 0.1876

Triad

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



25.3674, 0.1817, 0.1740



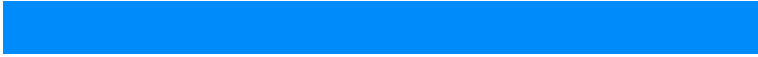
25.3674, 0.5243, 0.3547



25.3674, 0.2403, 0.4766

Complementary

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



25.3674, 0.1817, 0.1740



31.7913, 0.5594, 0.3939

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.



25.3674, 0.3368, 0.5351



25.3674, 0.1817, 0.1740



25.3674, 0.5039, 0.4290

Square

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



25.3674, 0.1817, 0.1740



25.3674, 0.4714, 0.2859



25.3674, 0.4322, 0.5011



25.3674, 0.1695, 0.3504

Rectangle

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



25.3674, 0.1817, 0.1740



25.3674, 0.3256, 0.2112



25.3674, 0.4322, 0.5011



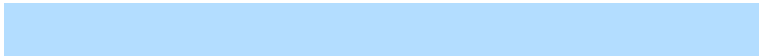
25.3674, 0.2710, 0.5076

Sweetspot

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



25.3681, 0.1817, 0.1740



68.4421, 0.2650, 0.2908



69.4621, 0.2793, 0.5254



13.8540, 0.2583, 0.2845



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.



25.3681, 0.1817, 0.1740



26.4388, 0.1816, 0.1735



7.3083, 0.1509, 0.0632



18.2412, 0.2980, 0.3182



13.7161, 0.1823, 0.1764



1.4818, 0.1878, 0.1961

Inverse Universe

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



22.1958, 0.4757, 0.2395



23.2002, 0.4763, 0.2398



78.8007, 0.4317, 0.4954



17.3866, 0.3207, 0.3159



11.7955, 0.4729, 0.2379



1.1138, 0.4497, 0.2251

Previews

White Background



This preview shows how the Yxy color 25.3674, 0.1817, 0.1740 looks on a white background.

Color Contrast Check

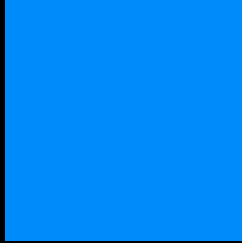
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3674, 0.1817, 0.1740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

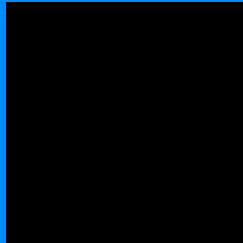
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

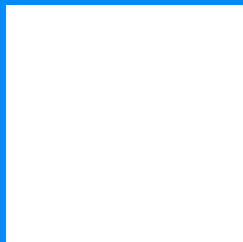
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.3674, 0.1817, 0.1740

Background



This preview shows how black text looks on a background with the Yxy color 25.3674, 0.1817, 0.1740.



This preview shows how white text looks on a background with the Yxy color 25.3674, 0.1817, 0.1740.

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

25.3674, 0.1817, 0.1740

Protanopia

25.2380, 0.1995, 0.1769

Deuteranopia

25.4716, 0.1828, 0.1779



Tritanopia

25.1008, 0.2189, 0.3080

Trichromacy



Original Color

25.3674, 0.1817, 0.1740

Protanomaly

24.7660, 0.1887, 0.1742

Deuteranomaly

25.5335, 0.1825, 0.1771

Tritanomaly

24.8076, 0.2020, 0.2470

Monochromacy



Original Color

25.3674, 0.1817, 0.1740

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

17.5500, 0.2269, 0.2521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3674, 0.1817, 0.1740 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, 139, 250)` looks like.

```
.text, #text, p{  
    color:rgb(0, 139, 250)  
}
```

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, 139, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 139, 250) }
```

Border

The CSS property to change the border of an element to Yxy 25.3674, 0.1817, 0.1740 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, 139, 250) }
```

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

```
.border{ border-color:rgb(0, 139, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 139, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 139, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 139, 250);  
box-shadow:4px 4px 4px 4px rgb(0, 139,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3674, 0.1817, 0.1740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 139, 250) }
```

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

```
.background{ background-color: rgb(0, 139,  
250) }
```

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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