

Converting Colors

$Yxy(27.1753, 0.1844, 0.1838)$

Have a look what the booklet for
Yxy(27.1753, 0.1844, 0.1838)
contains.

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Color

Yxy(27.0904, 0.1843, 0.1834)

Conversions

Conversions Part 1

Format	Color
Hex	0091F9
RGB	0, 145, 249
RGB Percent	0%, 57%, 98%
CMY	0.9989, 0.4314, 0.0236
CMYK	1.00, 0.42, 0.00, 0.02
HSL	205°, 100%, 49%
HSV	205°, 100%, 98%
XYZ	27.2233, 27.0904, 93.3984
YIQ	113.5010, -119.8040, 1.6040

Conversions

Conversions Part 2

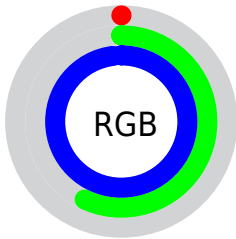
Format	Color
R _Y B	0, 92, 249
Decimal	37369
CIE Lab	59.06, 6.06, -60.62
CIE LCh	59, 60.923, 275.711
Yxy	27.0904, 0.1843, 0.1834
Android (android.graphics.Color)	4278227449 (0xFF0091F9)
YUV	113.5010, 66.8010, -99.5404
Hunter-Lab	52.0484, 2.2776, -69.9591

Details

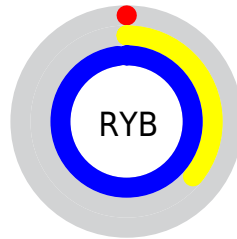
The Yxy color **27.0904, 0.1843, 0.1834** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **30.0866, 0.5674, 0.3876**, and the grayscale version is **16.5192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9232, 0.2260, 0.2576**, and **11.9902, 0.1766, 0.1556** is the 20% darker color. If you saturate the color by 10%, you get **27.0551, 0.1842, 0.1832**, and if you desaturate by 10%, it is **30.6265, 0.1903, 0.1990**.

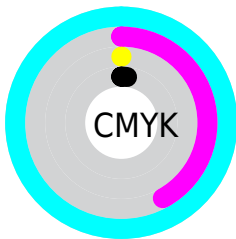
Distribution



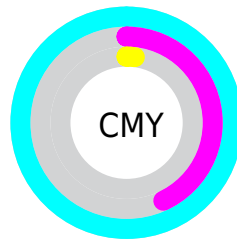
- Red (0%)
- Green (57%)
- Blue (98%)



- Red (0%)
- Yellow (36%)
- Blue (98%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (2%)





- Cyan (100%)
- Magenta (43%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0904, 0.1843, 0.1834 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 27.0904, 0.1843, 0.1834 by changing the saturation by 10% instead.


 27.0904, 0.1843,
0.1834


 27.0904, 0.1843,
0.1834


288.0946, 0.2488,
0.2552


 17.6411, 0.1691,
0.1668


 55.0289, 0.2073,
0.2087

 10.6926, 0.1504,
0.1467


 74.2869, 0.2161,
0.2184

 5.8606, 0.1273,
0.1222


 97.5833, 0.2236,
0.2268

 2.7605, 0.0989,
0.0924

 125.3024, 0.2301,
0.2341

 1.0080, 0.0650,
0.0580

 157.8287, 0.2357,
0.2404

 0.0000, 0.0055,
0.0000

195.5466, 0.2406,

 0.0000, 0.0000,

0.2459

0.0000

238.8404, 0.2450,
0.2508

■ 27.0904, 0.1843,
0.1834

■ 27.0904, 0.1843,
0.1834

■ 27.0551, 0.1842,
0.1832

■ 30.6265, 0.1903,
0.1990

■ 34.7248, 0.1984,
0.2152

■ 39.4728, 0.2087,
0.2317

■ 44.9265, 0.2210,
0.2480

■ 51.1335, 0.2349,
0.2640

■ 58.1362, 0.2499,
0.2792

■ 65.9730, 0.2655,
0.2934

■ 74.6794, 0.2815,
0.3065

■ 84.2884, 0.2974,
0.3184

Harmonies

Analogous

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



27.0904, 0.1516, 0.2031



27.0904, 0.1843, 0.1834



27.0904, 0.2511, 0.1932

Triad

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



27.0904, 0.1843, 0.1834



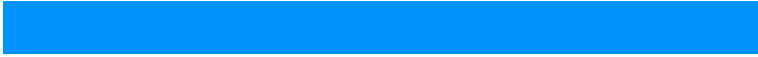
27.0904, 0.5072, 0.3482



27.0904, 0.2559, 0.4737

Complementary

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



27.0904, 0.1843, 0.1834



30.0866, 0.5674, 0.3876

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.



27.0904, 0.3478, 0.5190



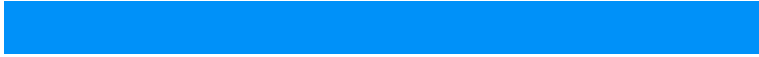
27.0904, 0.1843, 0.1834



27.0904, 0.4971, 0.4181

Square

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



27.0904, 0.1843, 0.1834



27.0904, 0.4502, 0.2830



27.0904, 0.4356, 0.4851



27.0904, 0.1849, 0.3624

Rectangle

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



27.0904, 0.1843, 0.1834



27.0904, 0.3139, 0.2140



27.0904, 0.4356, 0.4851



27.0904, 0.2855, 0.4989

Sweetspot

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



27.0912, 0.1843, 0.1834



69.5292, 0.2653, 0.2932



68.7371, 0.2808, 0.5307



14.1121, 0.2586, 0.2873



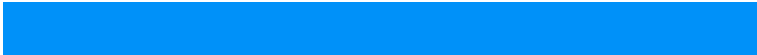
0.0000, 0.0000, 0.0000



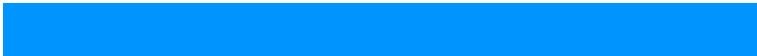
21.4041, 0.3127, 0.3290

Same Dimension

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



27.0912, 0.1843, 0.1834



28.5234, 0.1842, 0.1830



7.3761, 0.1512, 0.0642



18.3212, 0.2980, 0.3188



14.7722, 0.1849, 0.1857



1.5776, 0.1901, 0.2045

Inverse Universe

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



22.1860, 0.4645, 0.2333



23.4106, 0.4649, 0.2335



75.7623, 0.4350, 0.4928



17.3946, 0.3202, 0.3153



11.9022, 0.4617, 0.2317



1.1235, 0.4402, 0.2199

Previews

White Background



This preview shows how the Yxy color 27.0904, 0.1843, 0.1834 looks on a white background.

Color Contrast Check

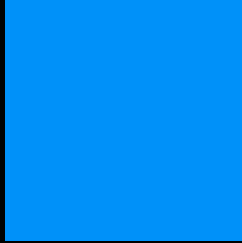
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0904, 0.1843, 0.1834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

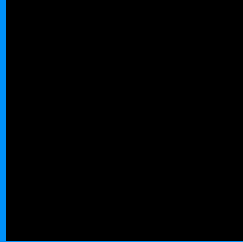
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

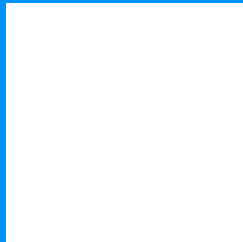
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.0904, 0.1843, 0.1834

Background



This preview shows how black text looks on a background with the Yxy color 27.0904, 0.1843, 0.1834.



This preview shows how white text looks on a background with the Yxy color 27.0904, 0.1843, 0.1834.

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

27.0904, 0.1843, 0.1834

Protanopia

27.0746, 0.2070, 0.1872

Deuteranopia

27.0424, 0.1887, 0.1822



Tritanopia

26.9411, 0.2191, 0.3086

Trichromacy



Original Color

27.0904, 0.1843, 0.1834

Protanomaly

26.6344, 0.1931, 0.1842

Deuteranomaly

27.0473, 0.1863, 0.1827

Tritanomaly

26.8137, 0.2042, 0.2550

Monochromacy



Original Color

27.0904, 0.1843, 0.1834

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

18.7280, 0.2293, 0.2572

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0904, 0.1843, 0.1834 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, 145, 249)` looks like.

```
.text, #text, p{  
    color:rgb(0, 145, 249)  
}
```

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, 145, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 145, 249) }
```

Border

The CSS property to change the border of an element to Yxy 27.0904, 0.1843, 0.1834 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, 145, 249) }
```

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

```
.border{ border-color:rgb(0, 145, 249) }
```

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

Here you see how a box with a 4 pixel rgb(0, 145, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 145, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 145, 249);  
box-shadow:4px 4px 4px 4px rgb(0, 145,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0904, 0.1843, 0.1834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 145, 249) }
```

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

```
.background{ background-color: rgb(0, 145,  
249) }
```

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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