

Converting Colors

$Yxy(29.3416, 0.1860, 0.1896)$

Have a look what the booklet for
Yxy(29.3416, 0.1860, 0.1896)
contains.

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Color

Yxy(29.1615, 0.1859, 0.1893)

Conversions

Conversions Part 1

Format	Color
Hex	0097FC
RGB	0, 151, 252
RGB Percent	0%, 59%, 99%
CMY	1.0000, 0.4078, 0.0116
CMYK	1.00, 0.40, 0.00, 0.01
HSL	204°, 100%, 49%
HSV	204°, 100%, 99%
XYZ	28.6377, 29.1615, 96.2499
YIQ	117.3650, -122.4170, -0.6010

Conversions

Conversions Part 2

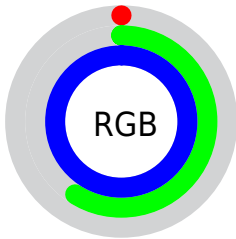
Format	Color
R _Y B	0, 94, 252
Decimal	38908
CIE Lab	60.92, 3.63, -59.32
CIE LCh	61, 59.429, 273.503
Yxy	29.1615, 0.1859, 0.1893
Android (android.graphics.Color)	4278228988 (0xFF0097FC)
YUV	117.3650, 66.3751, -102.9291
Hunter-Lab	54.0014, 0.1588, -67.8751

Details

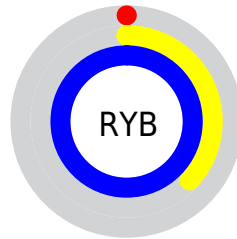
The Yxy color **29.1615, 0.1859, 0.1893** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **30.0185, 0.5726, 0.3835**, and the grayscale version is **17.7292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2622, 0.2284, 0.2669**, and **13.2475, 0.1787, 0.1632** is the 20% darker color. If you saturate the color by 10%, you get **29.1653, 0.1859, 0.1893**, and if you desaturate by 10%, it is **32.7676, 0.1917, 0.2044**.

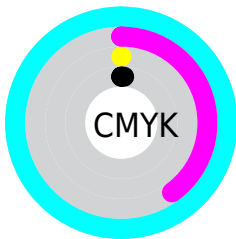
Distribution



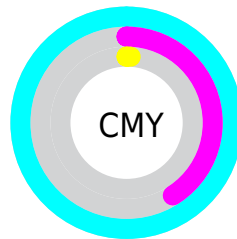
- Red (0%)
- Green (59%)
- Blue (99%)



- Red (0%)
- Yellow (37%)
- Blue (99%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (1%)





- Cyan (100%)
- Magenta (41%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1615, 0.1859, 0.1893 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 29.1615, 0.1859, 0.1893 by changing the saturation by 10% instead.


 29.1615, 0.1859,
0.1893


 29.1615, 0.1859,
0.1893


297.9762, 0.2490,
0.2580

 19.2030, 0.1711,
0.1734


 58.3336, 0.2083,
0.2135


 11.8171, 0.1531,
0.1541


 78.3160, 0.2169,
0.2228


 6.6192, 0.1307,
0.1304


 102.4085, 0.2242,
0.2309

 3.2251, 0.1031,
0.1014

 130.9955, 0.2305,
0.2378

 1.2504, 0.0699,
0.0671

 164.4613, 0.2361,
0.2438

 0.1023, 0.0191,
0.0105

203.1905, 0.2409,

 0.0000, 0.0000,

0.2491

0.0000

247.5673, 0.2452,
0.2539

■ 29.1615, 0.1859,
0.1893

■ 29.1615, 0.1859,
0.1893

■ 29.1653, 0.1859,
0.1893

■ 32.7676, 0.1917,
0.2044

■ 36.9253, 0.1996,
0.2199

■ 41.7278, 0.2096,
0.2357

■ 47.2319, 0.2216,
0.2513

■ 53.4859, 0.2352,
0.2666

■ 60.5327, 0.2500,
0.2811

■ 68.4112, 0.2655,
0.2947

■ 77.1570, 0.2813,
0.3073

■ 86.8037, 0.2972,
0.3187

Harmonies

Analogous

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



29.1615, 0.1563, 0.2112



29.1615, 0.1859, 0.1893



29.1615, 0.2481, 0.1967

Triad

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



29.1615, 0.1859, 0.1893



29.1615, 0.4964, 0.3439



29.1615, 0.2653, 0.4717

Complementary

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



29.1615, 0.1859, 0.1893



30.0185, 0.5726, 0.3835

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.



29.1615, 0.3542, 0.5094



29.1615, 0.1859, 0.1893



29.1615, 0.4924, 0.4113

Square

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



29.1615, 0.1859, 0.1893



29.1615, 0.4375, 0.2810



29.1615, 0.4372, 0.4754



29.1615, 0.1944, 0.3694

Rectangle

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



29.1615, 0.1859, 0.1893



29.1615, 0.3071, 0.2157



29.1615, 0.4372, 0.4754



29.1615, 0.2942, 0.4937

Sweetspot

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



29.1653, 0.1859, 0.1893



70.2344, 0.2655, 0.2947



70.5838, 0.2822, 0.5360



14.2799, 0.2589, 0.2891



0.0000, 0.0000, 0.0000



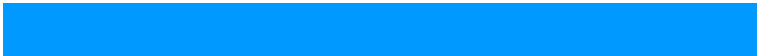
21.4041, 0.3127, 0.3290

Same Dimension

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



29.1653, 0.1859, 0.1893



29.9289, 0.1859, 0.1892



7.7350, 0.1515, 0.0654



18.3728, 0.2980, 0.3193



15.4833, 0.1866, 0.1918



1.6415, 0.1916, 0.2099

Inverse Universe

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



22.9380, 0.4576, 0.2294



23.5525, 0.4577, 0.2295



75.5535, 0.4384, 0.4901



17.3999, 0.3200, 0.3149



11.9739, 0.4546, 0.2278



1.1299, 0.4343, 0.2166

Previews

White Background



This preview shows how the Yxy color 29.1615, 0.1859, 0.1893 looks on a white background.

Color Contrast Check

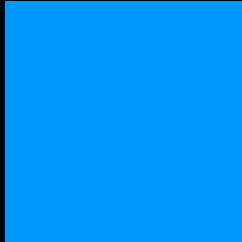
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1615, 0.1859, 0.1893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

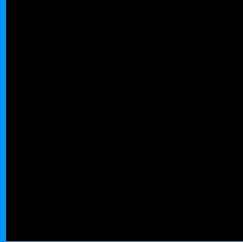
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

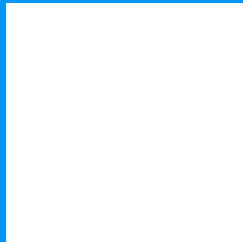
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.1615, 0.1859, 0.1893

Background



This preview shows how black text looks on a background with the Yxy color 29.1615, 0.1859, 0.1893.



This preview shows how white text looks on a background with the Yxy color 29.1615, 0.1859, 0.1893.

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

29.1615, 0.1859, 0.1893

Protanopia

29.1196, 0.2117, 0.1935

Deuteranopia

29.2958, 0.1935, 0.1871



Tritanopia

28.8967, 0.2187, 0.3074

Trichromacy



Original Color

29.1615, 0.1859, 0.1893

Protanomaly

28.4314, 0.1958, 0.1899

Deuteranomaly

29.0181, 0.1887, 0.1868

Tritanomaly

28.7180, 0.2047, 0.2568

Monochromacy



Original Color

29.1615, 0.1859, 0.1893

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

19.9095, 0.2296, 0.2604

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1615, 0.1859, 0.1893 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, 151, 252)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 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, 151, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 252) }
```

Border

The CSS property to change the border of an element to Yxy 29.1615, 0.1859, 0.1893 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, 151, 252) }
```

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

```
.border{ border-color:rgb(0, 151, 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, 151, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 252);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1615, 0.1859, 0.1893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 252) }
```

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

```
.background{ background-color: rgb(0, 151,  
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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