

Converting Colors

$Yxy(29.0167, 0.1866, 0.1904)$

Have a look what the booklet for
Yxy(29.0167, 0.1866, 0.1904)
contains.

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Color

Yxy(29.0805, 0.1868, 0.1913)

Conversions

Conversions Part 1

Format	Color
Hex	0697FA
RGB	6, 151, 250
RGB Percent	2%, 59%, 98%
CMY	0.9765, 0.4077, 0.0197
CMYK	0.98, 0.40, 0.00, 0.02
HSL	204°, 96%, 50%
HSV	204°, 98%, 98%
XYZ	28.3964, 29.0805, 94.5382
YIQ	118.9310, -118.1990, 0.0490

Conversions

Conversions Part 2

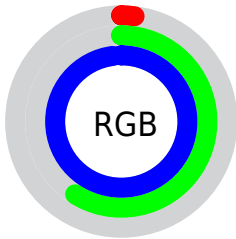
Format	Color
R _{YB}	6, 97, 250
Decimal	432122
CIE Lab	60.85, 2.99, -58.30
CIE LCh	61, 58.373, 272.940
Yxy	29.0805, 0.1868, 0.1913
Android (android.graphics.Color)	4278622202 (0xFF0697FA)
YUV	118.9310, 64.6170, -99.0405
Hunter-Lab	53.9263, -0.3769, -66.1928

Details

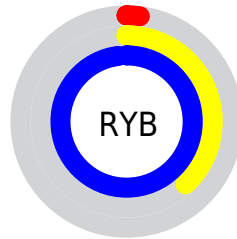
The Yxy color **29.0805, 0.1868, 0.1913** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **30.4256, 0.5659, 0.3870**, and the grayscale version is **18.2498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3274, 0.2288, 0.2669**, and **13.1576, 0.1792, 0.1651** is the 20% darker color. If you saturate the color by 10%, you get **28.2670, 0.1855, 0.1877**, and if you desaturate by 10%, it is **32.7396, 0.1930, 0.2066**.

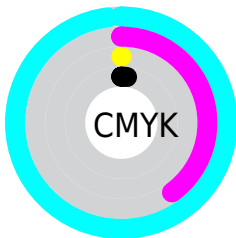
Distribution



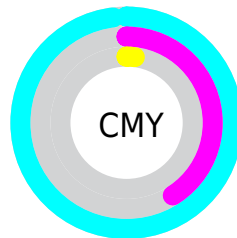
- Red (2%)
- Green (59%)
- Blue (98%)



- Red (2%)
- Yellow (38%)
- Blue (98%)



- Cyan (98%)
- Magenta (40%)
- Yellow (0%)
- Black (2%)




- Cyan (98%)
- Magenta (41%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0805, 0.1868, 0.1913 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 29.0805, 0.1868, 0.1913 by changing the saturation by 10% instead.

 29.0805, 0.1868,
0.1913


 29.0805, 0.1868,
0.1913

297.5946, 0.2496,
0.2593


 19.1417, 0.1721,
0.1755


 58.2050, 0.2091,
0.2153


 11.7727, 0.1540,
0.1562


 78.1594, 0.2176,
0.2246


 6.5891, 0.1316,
0.1325


 102.2213, 0.2249,
0.2325

 3.2065, 0.1038,
0.1033

 130.7749, 0.2312,
0.2393

 1.2405, 0.0704,
0.0686

 164.2046, 0.2367,
0.2453

 0.0944, 0.0175,
0.0101

202.8949, 0.2415,

 0.0000, 0.0000,

0.2505

0.0000

247.2301, 0.2458,
0.2552

■ 29.0805, 0.1868,
0.1913

■ 29.0805, 0.1868,
0.1913

■ 28.2670, 0.1855,
0.1877

■ 32.7396, 0.1930,
0.2066

■ 36.9820, 0.2015,
0.2224

■ 41.8775, 0.2121,
0.2384

■ 47.4795, 0.2246,
0.2542

■ 53.8342, 0.2386,
0.2694

■ 60.9827, 0.2536,
0.2839

■ 68.9625, 0.2693,
0.2975

■ 77.8082, 0.2852,
0.3099

■ 87.5522, 0.3009,
0.3212

Harmonies

Analogous

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



29.0805, 0.1581, 0.2137



29.0805, 0.1868, 0.1913



29.0805, 0.2477, 0.1981

Triad

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



29.0805, 0.1868, 0.1913



29.0805, 0.4929, 0.3429



29.0805, 0.2679, 0.4703

Complementary

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



29.0805, 0.1868, 0.1913



30.4256, 0.5659, 0.3870

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.



29.0805, 0.3557, 0.5063



29.0805, 0.1868, 0.1913



29.0805, 0.4905, 0.4095

Square

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



29.0805, 0.1868, 0.1913



29.0805, 0.4339, 0.2807



29.0805, 0.4371, 0.4725



29.0805, 0.1972, 0.3709

Rectangle

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



29.0805, 0.1868, 0.1913



29.0805, 0.3055, 0.2166



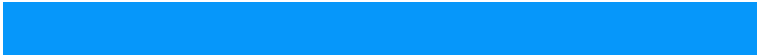
29.0805, 0.4371, 0.4725



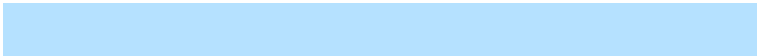
29.0805, 0.2965, 0.4915

Sweetspot

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



29.0814, 0.1868, 0.1913



70.9046, 0.2670, 0.2956



69.3860, 0.2813, 0.5314



14.4018, 0.2603, 0.2899



0.0000, 0.0000, 0.0000



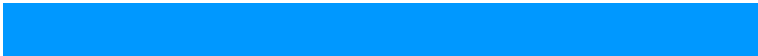
21.4041, 0.3127, 0.3290

Same Dimension

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



29.0814, 0.1868, 0.1913



29.5403, 0.1854, 0.1875



7.8882, 0.1525, 0.0676



18.3587, 0.2980, 0.3191



15.2868, 0.1862, 0.1902



1.6239, 0.1912, 0.2084

Inverse Universe

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



22.6850, 0.4550, 0.2290



23.5133, 0.4596, 0.2306



74.4963, 0.4375, 0.4899



17.3984, 0.3200, 0.3150



11.9541, 0.4566, 0.2289



1.1282, 0.4359, 0.2175

Previews

White Background



This preview shows how the Yxy color 29.0805, 0.1868, 0.1913 looks on a white background.

Color Contrast Check

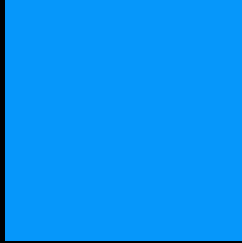
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0805, 0.1868, 0.1913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

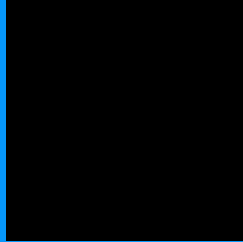
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

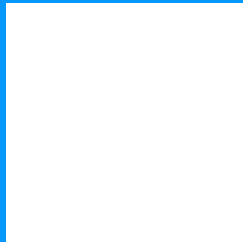
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.0805, 0.1868, 0.1913

Background



This preview shows how black text looks on a background with the Yxy color 29.0805, 0.1868, 0.1913.



This preview shows how white text looks on a background with the Yxy color 29.0805, 0.1868, 0.1913.

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

29.0741, 0.1868, 0.1912

Protanopia

29.0590, 0.2130, 0.1954

Deuteranopia

28.9563, 0.1947, 0.1877



Tritanopia

28.8578, 0.2192, 0.3091

Trichromacy



Original Color

29.0741, 0.1868, 0.1912

Protanomaly

28.4155, 0.1974, 0.1920

Deuteranomaly

28.6803, 0.1898, 0.1875

Tritanomaly

28.6837, 0.2052, 0.2582

Monochromacy



Original Color

29.0741, 0.1868, 0.1912

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

20.6423, 0.2324, 0.2631

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0805, 0.1868, 0.1913 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(6, 151, 250)` looks like.

```
.text, #text, p{  
    color:rgb(6, 151, 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(6, 151, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 151, 250) }
```

Border

The CSS property to change the border of an element to Yxy 29.0805, 0.1868, 0.1913 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(6, 151, 250) }
```

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

```
.border{ border-color:rgb(6, 151, 250) }
```

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

Here you see how a box with a 4 pixel rgb(6, 151, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 151, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 151, 250);  
box-shadow:4px 4px 4px 4px rgb(6, 151,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0805, 0.1868, 0.1913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 151, 250) }
```

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

```
.background{ background-color: rgb(6, 151,  
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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