

Converting Colors

$Yxy(17.1542, 0.0785, 0.1464)$

Have a look what the booklet for
Yxy(17.1542, 0.0785, 0.1464)
contains.

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Color

Yxy(26.0614, 0.1836, 0.1808)

Conversions

Conversions Part 1

Format	Color
Hex	018EF7
RGB	1, 142, 247
RGB Percent	0%, 56%, 97%
CMY	0.9974, 0.4432, 0.0314
CMYK	1.00, 0.43, 0.00, 0.03
HSL	206°, 99%, 49%
HSV	206°, 100%, 97%
XYZ	26.4650, 26.0614, 91.6185
YIQ	111.8110, -117.7410, 2.7630

Conversions

Conversions Part 2

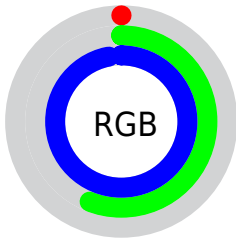
Format	Color
RYB	1, 91, 247
Decimal	102135
CIELab	58.10, 7.12, -61.07
CIElCh	58, 61.479, 276.653
Yxy	26.0614, 0.1836, 0.1808
Android (android.graphics.Color)	4278292215 (0xFF018EF7)
YUV	111.8110, 66.6482, -97.1812
Hunter-Lab	51.0504, 3.1980, -70.6707

Details

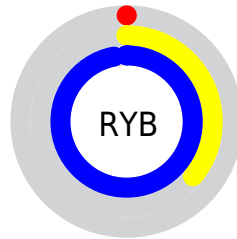
The Yxy color **26.0614, 0.1836, 0.1808** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **30.0090, 0.5646, 0.3897**, and the grayscale version is **15.9389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5652, 0.2251, 0.2536**, and **11.5464, 0.1761, 0.1539** is the 20% darker color. If you saturate the color by 10%, you get **25.9748, 0.1835, 0.1804**, and if you desaturate by 10%, it is **29.5509, 0.1897, 0.1967**.

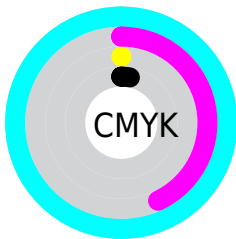
Distribution



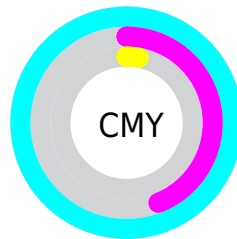
- Red (0%)
- Green (56%)
- Blue (97%)



- Red (0%)
- Yellow (36%)
- Blue (97%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (3%)




- Cyan (100%)
- Magenta (44%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0614, 0.1836, 0.1808 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 26.0614, 0.1836, 0.1808 by changing the saturation by 10% instead.


 26.0614, 0.1836,
0.1808


 26.0614, 0.1836,
0.1808


283.0834, 0.2488,
0.2540


 16.8696, 0.1682,
0.1639

 53.3740, 0.2069,
0.2066


 10.1415, 0.1492,
0.1434


 72.2635, 0.2158,
0.2166


 5.4929, 0.1257,
0.1184

 95.1545, 0.2234,
0.2251

 2.5393, 0.0967,
0.0883

 122.4311, 0.2299,
0.2325

 0.8962, 0.0625,
0.0539

 154.4780, 0.2356,
0.2389

 0.0000, 0.0000,
0.0000

191.6794, 0.2405,

0.2446

234.4197, 0.2449,
0.2496

■ 26.0614, 0.1836,
0.1808

■ 26.0614, 0.1836,
0.1808

■ 25.9748, 0.1835,
0.1804

■ 29.5509, 0.1897,
0.1967

■ 33.6047, 0.1980,
0.2132

■ 38.3079, 0.2084,
0.2300

■ 43.7155, 0.2209,
0.2467

■ 49.8745, 0.2349,
0.2629

■ 56.8268, 0.2500,
0.2784

■ 64.6105, 0.2657,
0.2929

■ 73.2606, 0.2817,
0.3062

■ 82.8099, 0.2976,
0.3184

Harmonies

Analogous

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



26.0614, 0.1494, 0.1995



26.0614, 0.1836, 0.1808



26.0614, 0.2525, 0.1917

Triad

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



26.0614, 0.1836, 0.1808



26.0614, 0.5119, 0.3501



26.0614, 0.2517, 0.4745

Complementary

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



26.0614, 0.1836, 0.1808



30.0090, 0.5646, 0.3897

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.



26.0614, 0.3449, 0.5233



26.0614, 0.1836, 0.1808



26.0614, 0.4991, 0.4212

Square

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



26.0614, 0.1836, 0.1808



26.0614, 0.4560, 0.2838



26.0614, 0.4348, 0.4894



26.0614, 0.1806, 0.3592

Rectangle

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



26.0614, 0.1836, 0.1808



26.0614, 0.3171, 0.2133



26.0614, 0.4348, 0.4894



26.0614, 0.2816, 0.5013

Sweetspot

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



26.0622, 0.1836, 0.1808



69.1958, 0.2652, 0.2925



67.5018, 0.2807, 0.5303



14.0329, 0.2585, 0.2865



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.



26.0622, 0.1836, 0.1808



27.8736, 0.1834, 0.1801



7.2618, 0.1513, 0.0644



17.5056, 0.2980, 0.3187



14.0266, 0.1842, 0.1830



1.4364, 0.1897, 0.2030

Inverse Universe

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



21.7384, 0.4676, 0.2350



23.3450, 0.4684, 0.2354



74.4149, 0.4349, 0.4928



16.6419, 0.3204, 0.3155



11.5154, 0.4650, 0.2335



1.0326, 0.4419, 0.2208

Previews

White Background



This preview shows how the Yxy color 26.0614, 0.1836, 0.1808 looks on a white background.

Color Contrast Check

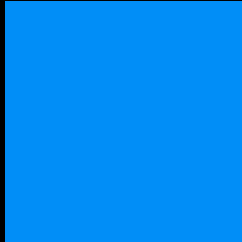
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0614, 0.1836, 0.1808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

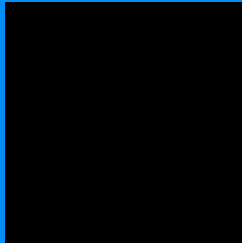
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

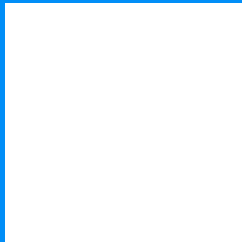
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.0614, 0.1836, 0.1808

Background



This preview shows how black text looks on a background with the Yxy color 26.0614, 0.1836, 0.1808.



This preview shows how white text looks on a background with the Yxy color 26.0614, 0.1836, 0.1808.

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

26.0679, 0.1836, 0.1808

Protanopia

25.8945, 0.2049, 0.1841

Deuteranopia

26.1225, 0.1866, 0.1805



Tritanopia

25.8278, 0.2190, 0.3082

Trichromacy



Original Color

26.0679, 0.1836, 0.1808

Protanomaly

25.5778, 0.1920, 0.1815

Deuteranomaly

25.9473, 0.1849, 0.1799

Tritanomaly

25.7528, 0.2035, 0.2524

Monochromacy



Original Color

26.0679, 0.1836, 0.1808

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

18.1168, 0.2291, 0.2564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0614, 0.1836, 0.1808 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(1, 142, 247)` looks like.

```
.text, #text, p{  
    color:rgb(1, 142, 247)  
}
```

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(1, 142, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 142, 247) }
```

Border

The CSS property to change the border of an element to Yxy 26.0614, 0.1836, 0.1808 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(1, 142, 247) }
```

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

```
.border{ border-color:rgb(1, 142, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 142, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 142, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 142, 247);  
box-shadow:4px 4px 4px 4px rgb(1, 142,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0614, 0.1836, 0.1808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 142, 247) }
```

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

```
.background{ background-color: rgb(1, 142,  
247) }
```

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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