

Converting Colors

$Yxy(26.2661, 0.1834, 0.1783)$

Have a look what the booklet for
Yxy(26.2661, 0.1834, 0.1783)
contains.

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Color

Yxy(26.3127, 0.1835, 0.1784)

Conversions

Conversions Part 1

Format	Color
Hex	0B8EFA
RGB	11, 142, 250
RGB Percent	4%, 56%, 98%
CMY	0.9571, 0.4432, 0.0195
CMYK	0.96, 0.43, 0.00, 0.02
HSL	207°, 96%, 51%
HSV	207°, 96%, 98%
XYZ	27.0649, 26.3127, 94.1151
YIQ	115.1430, -112.7440, 5.8160

Conversions

Conversions Part 2

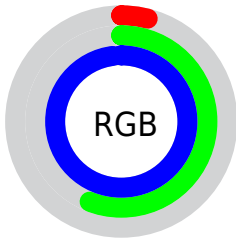
Format	Color
R_{YB}	11, 96, 250
Decimal	757498
CIE _{Lab}	58.33, 8.55, -62.36
CIE _{LCh}	58, 62.939, 277.805
Yxy	26.3127, 0.1835, 0.1784
Android (android.graphics.Color)	4278947578 (0xFF0B8EFA)
YUV	115.1430, 66.4845, -91.3334
Hunter-Lab	51.2959, 4.4129, -72.8751

Details

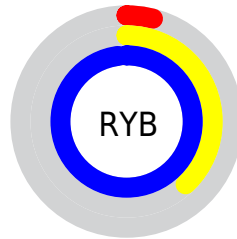
The Yxy color **26.3127, 0.1835, 0.1784** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **33.5449, 0.5487, 0.3994**, and the grayscale version is **17.0017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.6950, 0.2260, 0.2538**, and **11.6790, 0.1754, 0.1513** is the 20% darker color. If you saturate the color by 10%, you get **24.8036, 0.1809, 0.1712**, and if you desaturate by 10%, it is **30.1507, 0.1907, 0.1954**.

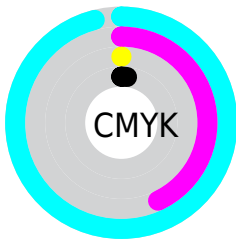
Distribution



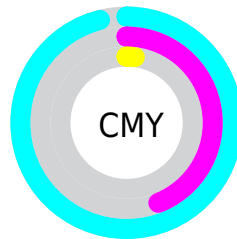
- Red (4%)
- Green (56%)
- Blue (98%)



- Red (4%)
- Yellow (38%)
- Blue (98%)



- Cyan (96%)
- Magenta (43%)
- Yellow (0%)
- Black (2%)



- Cyan (96%)
- Magenta (44%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3127, 0.1835, 0.1784 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 26.3127, 0.1835, 0.1784 by changing the saturation by 10% instead.

■ 26.3127, 0.1835,
0.1784

■ 26.3127, 0.1835,
0.1784

■ 284.3137, 0.2486,
0.2523

■ 17.0577, 0.1681,
0.1615

■ 53.7790, 0.2067,
0.2043

■ 10.2757, 0.1493,
0.1410

■ 72.7591, 0.2156,
0.2144

■ 5.5821, 0.1260,
0.1162

■ 95.7496, 0.2232,
0.2230

■ 2.5927, 0.0974,
0.0866

■ 123.1351, 0.2297,
0.2305

■ 0.9230, 0.0635,
0.0528

■ 155.2999, 0.2354,
0.2370

■ 0.0000, 0.0037,
0.0000

192.6283, 0.2404,

■ 0.0000, 0.0000,

0.2427

0.0000

235.5048, 0.2447,
0.2478

■ 26.3127, 0.1835,
0.1784

■ 26.3127, 0.1835,
0.1784

■ 24.8036, 0.1809,
0.1712

■ 30.1507, 0.1907,
0.1954

■ 34.6516, 0.2002,
0.2130

■ 39.8816, 0.2119,
0.2309

■ 45.8950, 0.2254,
0.2486

■ 52.7396, 0.2403,
0.2656

■ 60.4581, 0.2560,
0.2817

■ 69.0897, 0.2721,
0.2966

■ 78.6707, 0.2882,
0.3103

■ 89.2353, 0.3040,
0.3226

Harmonies

Analogous

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



26.3127, 0.1477, 0.1958



26.3127, 0.1835, 0.1784



26.3127, 0.2547, 0.1905

Triad

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



26.3127, 0.1835, 0.1784



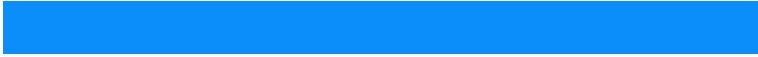
26.3127, 0.5165, 0.3525



26.3127, 0.2468, 0.4742

Complementary

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



26.3127, 0.1835, 0.1784



33.5449, 0.5487, 0.3994

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.



26.3127, 0.3411, 0.5273



26.3127, 0.1835, 0.1784



26.3127, 0.5003, 0.4247

Square

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



26.3127, 0.1835, 0.1784



26.3127, 0.4622, 0.2853



26.3127, 0.4331, 0.4941



26.3127, 0.1762, 0.3549

Rectangle

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



26.3127, 0.1835, 0.1784



26.3127, 0.3212, 0.2130



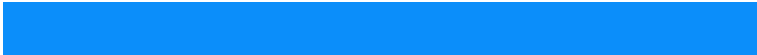
26.3127, 0.4331, 0.4941



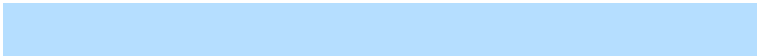
26.3127, 0.2769, 0.5027

Sweetspot

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



26.3135, 0.1835, 0.1784



69.0692, 0.2666, 0.2917



69.7784, 0.2763, 0.5123



13.9635, 0.2597, 0.2853



0.0000, 0.0000, 0.0000



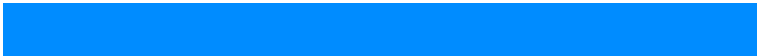
21.4041, 0.3127, 0.3290

Same Dimension

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



26.3135, 0.1835, 0.1784



25.9051, 0.1809, 0.1710



7.5833, 0.1522, 0.0652



18.2200, 0.2980, 0.3180



13.4453, 0.1816, 0.1739



1.4571, 0.1872, 0.1939

Inverse Universe

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



22.5190, 0.4700, 0.2382



23.1463, 0.4794, 0.2414



81.5433, 0.4274, 0.4972



17.3844, 0.3208, 0.3161



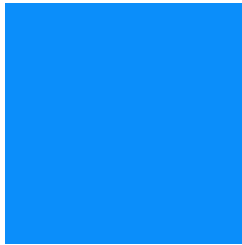
11.7682, 0.4759, 0.2395



1.1113, 0.4522, 0.2265

Previews

White Background



This preview shows how the Yxy color 26.3127, 0.1835, 0.1784 looks on a white background.

Color Contrast Check

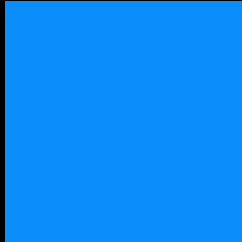
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3127, 0.1835, 0.1784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

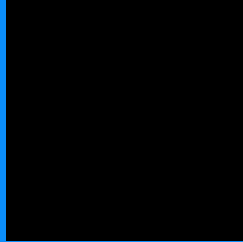
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

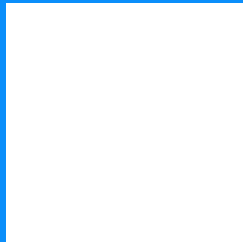
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.3127, 0.1835, 0.1784

Background



This preview shows how black text looks on a background with the Yxy color 26.3127, 0.1835, 0.1784.



This preview shows how white text looks on a background with the Yxy color 26.3127, 0.1835, 0.1784.

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

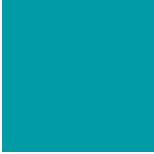
26.3193, 0.1835, 0.1785

Protanopia

26.3136, 0.2027, 0.1817

Deuteranopia

26.4423, 0.1847, 0.1788



Tritanopia

26.1593, 0.2195, 0.3102

Trichromacy



Original Color

26.3193, 0.1835, 0.1785

Protanomaly

25.8229, 0.1917, 0.1791

Deuteranomaly

26.3866, 0.1842, 0.1787

Tritanomaly

25.8240, 0.2034, 0.2511

Monochromacy



Original Color

26.3193, 0.1835, 0.1785

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

18.9253, 0.2313, 0.2561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3127, 0.1835, 0.1784 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(11, 142, 250)` looks like.

```
.text, #text, p{  
    color:rgb(11, 142, 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(11, 142, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 142, 250) }
```

Border

The CSS property to change the border of an element to Yxy 26.3127, 0.1835, 0.1784 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(11, 142, 250) }
```

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

```
.border{ border-color:rgb(11, 142, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 142, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 142, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 142, 250);  
box-shadow:4px 4px 4px 4px rgb(11, 142,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3127, 0.1835, 0.1784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 142, 250) }
```

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

```
.background{ background-color: rgb(11, 142,  
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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