

Converting Colors

$Yxy(27.5051, 0.1849, 0.1841)$

Have a look what the booklet for
Yxy(27.5051, 0.1849, 0.1841)
contains.

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Color

Yxy(27.5115, 0.1849, 0.1841)

Conversions

Conversions Part 1

Format	Color
Hex	0892FA
RGB	8, 146, 250
RGB Percent	3%, 57%, 98%
CMY	0.9697, 0.4274, 0.0196
CMYK	0.97, 0.42, 0.00, 0.02
HSL	206°, 96%, 51%
HSV	206°, 97%, 98%
XYZ	27.6311, 27.5115, 94.2953
YIQ	116.5940, -115.6320, 3.0880

Conversions

Conversions Part 2

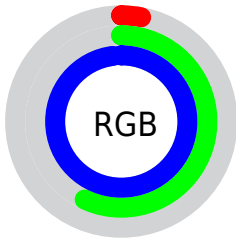
Format	Color
R _Y B	8, 96, 250
Decimal	561914
CIE Lab	59.44, 6.03, -60.56
CIE LCh	59, 60.859, 275.688
Yxy	27.5115, 0.1849, 0.1841
Android (android.graphics.Color)	4278751994 (0xFF0892FA)
YUV	116.5940, 65.7692, -95.2369
Hunter-Lab	52.4514, 2.2426, -69.8734

Details

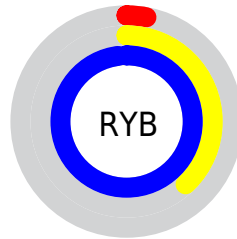
The Yxy color **27.5115, 0.1849, 0.1841** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle saturated azure. A complement of this color would be **31.8697, 0.5578, 0.3930**, and the grayscale version is **17.4539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5116, 0.2271, 0.2591**, and **12.2160, 0.1768, 0.1564** is the 20% darker color. If you saturate the color by 10%, you get **26.4530, 0.1831, 0.1792**, and if you desaturate by 10%, it is **31.2470, 0.1915, 0.2003**.

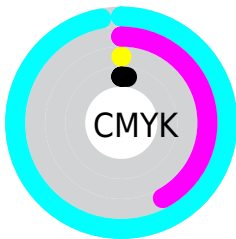
Distribution



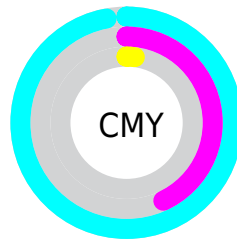
- Red (3%)
- Green (57%)
- Blue (98%)



- Red (3%)
- Yellow (38%)
- Blue (98%)



- Cyan (97%)
- Magenta (42%)
- Yellow (0%)
- Black (2%)





- Cyan (97%)
- Magenta (43%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5115, 0.1849, 0.1841 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 27.5115, 0.1849, 0.1841 by changing the saturation by 10% instead.


 27.5115, 0.1849,
0.1841


 27.5115, 0.1849,
0.1841


290.1253, 0.2490,
0.2554


 17.9577, 0.1698,
0.1677


 55.7036, 0.2077,
0.2092

 10.9197, 0.1513,
0.1477

 75.1107, 0.2164,
0.2189


 6.0128, 0.1284,
0.1233


 98.5710, 0.2239,
0.2272

 2.8529, 0.1001,
0.0938

 126.4690, 0.2303,
0.2344

 1.0554, 0.0664,
0.0595

 159.1891, 0.2359,
0.2407

 0.0000, 0.0098,
0.0000

197.1155, 0.2408,

 0.0000, 0.0000,

0.2462

0.0000

240.6328, 0.2452,
0.2511

■ 27.5115, 0.1849,
0.1841

■ 27.5115, 0.1849,
0.1841

■ 26.4530, 0.1831,
0.1792

■ 31.2470, 0.1915,
0.2003

■ 35.6041, 0.2005,
0.2170

■ 40.6505, 0.2116,
0.2339

■ 46.4404, 0.2245,
0.2507

■ 53.0208, 0.2389,
0.2669

■ 60.4336, 0.2543,
0.2822

■ 68.7174, 0.2702,
0.2965

■ 77.9077, 0.2862,
0.3096

■ 88.0377, 0.3020,
0.3215

Harmonies

Analogous

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



27.5115, 0.1523, 0.2038



27.5115, 0.1849, 0.1841



27.5115, 0.2514, 0.1939

Triad

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



27.5115, 0.1849, 0.1841



27.5115, 0.5060, 0.3482



27.5115, 0.2564, 0.4727

Complementary

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



27.5115, 0.1849, 0.1841



31.8697, 0.5578, 0.3930

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.



27.5115, 0.3479, 0.5178



27.5115, 0.1849, 0.1841



27.5115, 0.4962, 0.4179

Square

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



27.5115, 0.1849, 0.1841



27.5115, 0.4493, 0.2832



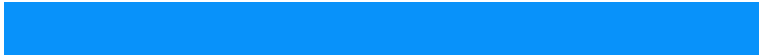
27.5115, 0.4352, 0.4843



27.5115, 0.1856, 0.3624

Rectangle

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



27.5115, 0.1849, 0.1841



27.5115, 0.3139, 0.2146



27.5115, 0.4352, 0.4843



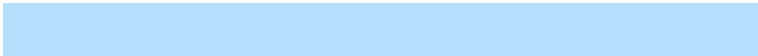
27.5115, 0.2859, 0.4978

Sweetspot

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



27.5123, 0.1849, 0.1841



69.9624, 0.2668, 0.2936



69.5180, 0.2797, 0.5251



14.1766, 0.2600, 0.2875



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.



27.5123, 0.1849, 0.1841



27.6364, 0.1831, 0.1791



7.7791, 0.1524, 0.0667



18.2877, 0.2980, 0.3186



14.3230, 0.1838, 0.1818



1.5370, 0.1892, 0.2010

Inverse Universe

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



22.5674, 0.4634, 0.2340



23.3210, 0.4697, 0.2361



76.8293, 0.4340, 0.4924



17.3913, 0.3204, 0.3155



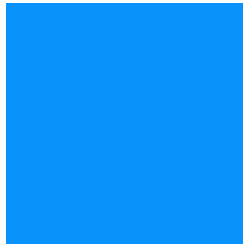
11.8568, 0.4664, 0.2343



1.1194, 0.4442, 0.2220

Previews

White Background



This preview shows how the Yxy color 27.5115, 0.1849, 0.1841 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 27.5115, 0.1849, 0.1841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

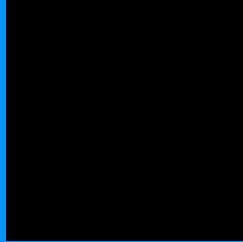
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

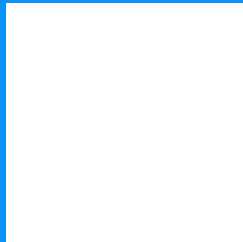
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.5115, 0.1849, 0.1841

Background



This preview shows how black text looks on a background with the Yxy color 27.5115, 0.1849, 0.1841.



This preview shows how white text looks on a background with the Yxy color 27.5115, 0.1849, 0.1841.

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

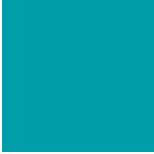
27.5115, 0.1849, 0.1841

Protanopia

27.4777, 0.2074, 0.1878

Deuteranopia

27.4530, 0.1892, 0.1829



Tritanopia

27.3183, 0.2191, 0.3087

Trichromacy



Original Color

27.5115, 0.1849, 0.1841

Protanomaly

27.1236, 0.1944, 0.1851

Deuteranomaly

27.4763, 0.1870, 0.1835

Tritanomaly

27.2078, 0.2045, 0.2554

Monochromacy



Original Color

27.5115, 0.1849, 0.1841

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

19.7327, 0.2319, 0.2604

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5115, 0.1849, 0.1841 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(8, 146, 250)` looks like.

```
.text, #text, p{  
    color:rgb(8, 146, 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(8, 146, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 146, 250) }
```

Border

The CSS property to change the border of an element to Yxy 27.5115, 0.1849, 0.1841 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(8, 146, 250) }
```

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

```
.border{ border-color:rgb(8, 146, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 146, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 146, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 146, 250);  
box-shadow:4px 4px 4px 4px rgb(8, 146,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5115, 0.1849, 0.1841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 146, 250) }
```

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

```
.background{ background-color: rgb(8, 146,  
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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