

Converting Colors

$Y_{xy}(27.0719, 0.1832, 0.1793)$

Have a look what the booklet for
Yxy(27.0719, 0.1832, 0.1793)
contains.

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Color

Yxy(26.9812, 0.1832, 0.1794)

Conversions

Conversions Part 1

Format	Color
Hex	0090FC
RGB	0, 144, 252
RGB Percent	0%, 56%, 99%
CMY	0.9981, 0.4353, 0.0117
CMYK	1.00, 0.43, 0.00, 0.01
HSL	206°, 100%, 50%
HSV	206°, 100%, 99%
XYZ	27.5527, 26.9812, 95.8630
YIQ	113.2560, -120.4920, 3.0600

Conversions

Conversions Part 2

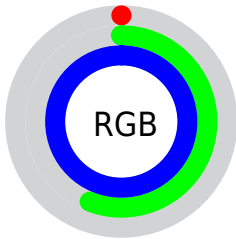
Format	Color
R _{YB}	0, 92, 252
Decimal	37116
CIE _{Lab}	58.96, 7.82, -62.45
CIE _{LCh}	59, 62.939, 277.139
Y _{xy}	26.9812, 0.1832, 0.1794
Android (android.graphics.Color)	4278227196 (0xFF0090FC)
YUV	113.2560, 68.4008, -99.3255
Hunter-Lab	51.9434, 3.7820, -73.0609

Details

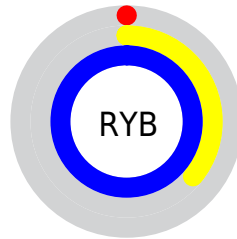
The Yxy color **26.9812, 0.1832, 0.1794** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle saturated azure. A complement of this color would be **31.5266, 0.5640, 0.3902**, and the grayscale version is **16.4607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.5320, 0.2261, 0.2564**, and **12.1245, 0.1758, 0.1529** is the 20% darker color. If you saturate the color by 10%, you get **26.9167, 0.1831, 0.1791**, and if you desaturate by 10%, it is **30.6313, 0.1893, 0.1954**.

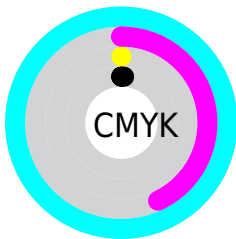
Distribution



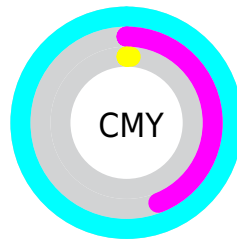
- Red (0%)
- Green (56%)
- Blue (99%)



- Red (0%)
- Yellow (36%)
- Blue (99%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (1%)




- Cyan (100%)
- Magenta (44%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9812, 0.1832, 0.1794 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 26.9812, 0.1832, 0.1794 by changing the saturation by 10% instead.


 26.9812, 0.1832,
0.1794


 26.9812, 0.1832,
0.1794


287.5661, 0.2482,
0.2527


 17.5591, 0.1679,
0.1627


 54.8537, 0.2063,
0.2051


 10.6339, 0.1492,
0.1424


 74.0729, 0.2152,
0.2150

 5.8212, 0.1262,
0.1179


 97.3266, 0.2227,
0.2236

 2.7367, 0.0979,
0.0885

 124.9991, 0.2293,
0.2310

 0.9959, 0.0644,
0.0549

 157.4750, 0.2349,
0.2375

 0.0000, 0.0086,
0.0000

195.1385, 0.2399,

 0.0000, 0.0000,

0.2432

0.0000

238.3740, 0.2443,
0.2482

■ 26.9812, 0.1832,
0.1794

■ 26.9812, 0.1832,
0.1794

■ 26.9167, 0.1831,
0.1791

■ 30.6313, 0.1893,
0.1954

■ 34.8762, 0.1976,
0.2120

■ 39.8058, 0.2081,
0.2289

■ 45.4781, 0.2205,
0.2458

■ 51.9429, 0.2346,
0.2622

■ 59.2443, 0.2497,
0.2778

■ 67.4225, 0.2655,
0.2925

■ 76.5146, 0.2815,
0.3059

■ 86.5550, 0.2975,
0.3182

Harmonies

Analogous

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



26.9812, 0.1483, 0.1976



26.9812, 0.1832, 0.1794



26.9812, 0.2532, 0.1908

Triad

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



26.9812, 0.1832, 0.1794



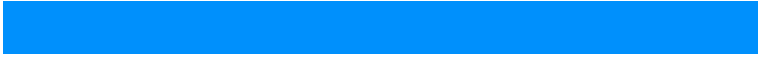
26.9812, 0.5145, 0.3510



26.9812, 0.2494, 0.4750

Complementary

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



26.9812, 0.1832, 0.1794



31.5266, 0.5640, 0.3902

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.



26.9812, 0.3433, 0.5257



26.9812, 0.1832, 0.1794



26.9812, 0.5001, 0.4228

Square

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



26.9812, 0.1832, 0.1794



26.9812, 0.4591, 0.2843



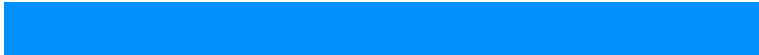
26.9812, 0.4343, 0.4918



26.9812, 0.1784, 0.3574

Rectangle

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



26.9812, 0.1832, 0.1794



26.9812, 0.3188, 0.2129



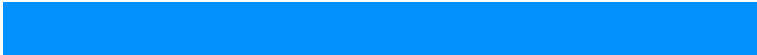
26.9812, 0.4343, 0.4918



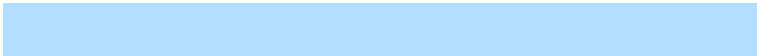
26.9812, 0.2795, 0.5026

Sweetspot

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



26.9820, 0.1832, 0.1794



69.0678, 0.2652, 0.2922



70.6591, 0.2808, 0.5307



14.0025, 0.2585, 0.2861



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.



26.9820, 0.1832, 0.1794



27.6265, 0.1831, 0.1790



7.5850, 0.1512, 0.0642



18.2874, 0.2980, 0.3186



14.3180, 0.1838, 0.1818



1.5366, 0.1892, 0.2009

Inverse Universe

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



22.7226, 0.4692, 0.2359



23.3200, 0.4697, 0.2361



77.8811, 0.4350, 0.4928



17.3912, 0.3204, 0.3155



11.8563, 0.4664, 0.2343



1.1193, 0.4442, 0.2221

Previews

White Background



This preview shows how the Yxy color 26.9812, 0.1832, 0.1794 looks on a white background.

Color Contrast Check

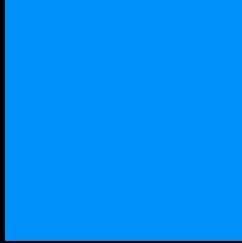
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9812, 0.1832, 0.1794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

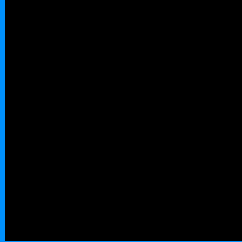
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

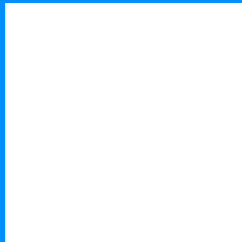
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.9812, 0.1832, 0.1794

Background



This preview shows how black text looks on a background with the Yxy color 26.9812, 0.1832, 0.1794.



This preview shows how white text looks on a background with the Yxy color 26.9812, 0.1832, 0.1794.

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

26.9748, 0.1832, 0.1794

Protanopia

26.7592, 0.2036, 0.1826

Deuteranopia

26.9645, 0.1855, 0.1789



Tritanopia

26.9040, 0.2196, 0.3104

Trichromacy



Original Color

26.9748, 0.1832, 0.1794

Protanomaly

26.4633, 0.1913, 0.1800

Deuteranomaly

26.8219, 0.1842, 0.1784

Tritanomaly

26.5337, 0.2033, 0.2518

Monochromacy



Original Color

26.9748, 0.1832, 0.1794

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

18.4734, 0.2275, 0.2535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9812, 0.1832, 0.1794 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, 144, 252)` looks like.

```
.text, #text, p{  
    color:rgb(0, 144, 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, 144, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 144, 252) }
```

Border

The CSS property to change the border of an element to Yxy 26.9812, 0.1832, 0.1794 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, 144, 252) }
```

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

```
.border{ border-color:rgb(0, 144, 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, 144, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 144, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 144, 252);  
box-shadow:4px 4px 4px 4px rgb(0, 144,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9812, 0.1832, 0.1794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 144, 252) }
```

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

```
.background{ background-color: rgb(0, 144,  
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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