

Converting Colors

$Yxy(30.9074, 0.1886, 0.1931)$

Have a look what the booklet for
Yxy(30.9074, 0.1886, 0.1931)
contains.

Yxy(30.8694, 0.1886, 0.1929)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(30.8694, 0.1886, 0.1929)

Conversions

Conversions Part 1

Format	Color
Hex	1A9BFF
RGB	26, 155, 255
RGB Percent	10%, 61%, 100%
CMY	0.9000, 0.3922, 0.0000
CMYK	0.90, 0.39, 0.00, 0.00
HSL	206°, 100%, 55%
HSV	206°, 90%, 100%
XYZ	30.1813, 30.8694, 98.9773
YIQ	127.8290, -108.9840, 3.7520

Conversions

Conversions Part 2

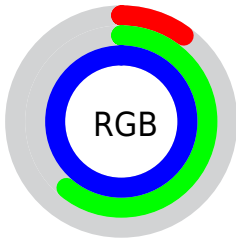
Format	Color
R _Y B	26, 109, 255
Decimal	1743871
CIE Lab	62.40, 3.20, -58.57
CIE LCh	62, 58.661, 273.125
Yxy	30.8694, 0.1886, 0.1929
Android (android.graphics.Color)	4279933951 (0xFF1A9BFF)
YUV	127.8290, 62.6953, -89.3040
Hunter-Lab	55.5602, -0.2661, -66.7295

Details

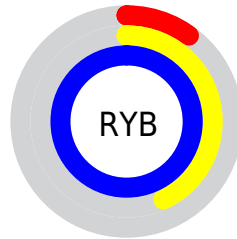
The Yxy color **30.8694, 0.1886, 0.1929** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **36.1337, 0.5406, 0.4001**, and the grayscale version is **21.2747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6028, 0.2319, 0.2724**, and **14.1804, 0.1798, 0.1673** is the 20% darker color. If you saturate the color by 10%, you get **27.1270, 0.1824, 0.1767**, and if you desaturate by 10%, it is **35.2315, 0.1969, 0.2098**.

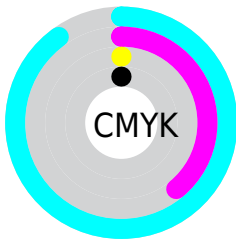
Distribution



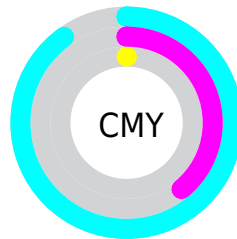
- Red (10%)
- Green (61%)
- Blue (100%)



- Red (10%)
- Yellow (43%)
- Blue (100%)



- Cyan (90%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)





- Cyan (90%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.8694, 0.1886, 0.1929 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 30.8694, 0.1886, 0.1929 by changing the saturation by 10% instead.


 30.8694, 0.1886,
0.1929


 30.8694, 0.1886,
0.1929

305.9362, 0.2500,
0.2596

 20.4994, 0.1743,
0.1775


 61.0344, 0.2103,
0.2163


 12.7586, 0.1568,
0.1588


 81.5982, 0.2186,
0.2254


 7.2625, 0.1351,
0.1358


 106.3287, 0.2258,
0.2331

 3.6268, 0.1083,
0.1076

 135.6104, 0.2320,
0.2399

 1.4671, 0.0757,
0.0737

 169.8276, 0.2373,
0.2457

 0.2654, 0.0311,
0.0250

209.3647, 0.2421,

 0.0000, 0.0000,

0.2509

0.0000

254.6061, 0.2462,
0.2555

■ 30.8694, 0.1886,
0.1929

■ 30.8694, 0.1886,
0.1929

■ 27.1270, 0.1824,
0.1767

■ 35.2315, 0.1969,
0.2098

■ 27.1255, 0.1824,
0.1767

■ 40.3047, 0.2074,
0.2270

■ 46.1501, 0.2199,
0.2441

■ 52.8195, 0.2341,
0.2608

■ 60.3588, 0.2493,
0.2767

■ 68.8097, 0.2651,
0.2916

■ 78.2108, 0.2812,
0.3053

■ 88.5979, 0.2972,
0.3178

■ 100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



30.8694, 0.1600, 0.2151



30.8694, 0.1886, 0.1929



30.8694, 0.2491, 0.1997

Triad

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



30.8694, 0.1886, 0.1929



30.8694, 0.4905, 0.3435



30.8694, 0.2682, 0.4674

Complementary

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



30.8694, 0.1886, 0.1929



36.1337, 0.5406, 0.4001

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.



30.8694, 0.3550, 0.5036



30.8694, 0.1886, 0.1929



30.8694, 0.4880, 0.4093

Square

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



30.8694, 0.1886, 0.1929



30.8694, 0.4326, 0.2818



30.8694, 0.4353, 0.4713



30.8694, 0.1985, 0.3697

Rectangle

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



30.8694, 0.1886, 0.1929



30.8694, 0.3063, 0.2181



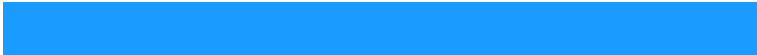
30.8694, 0.4353, 0.4713



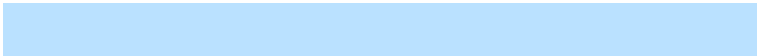
30.8694, 0.2964, 0.4884

Sweetspot

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



30.8701, 0.1886, 0.1929



71.5248, 0.2699, 0.2959



73.2128, 0.2759, 0.5067



14.6484, 0.2645, 0.2910



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.



30.8701, 0.1886, 0.1929



27.1255, 0.1824, 0.1767



9.0060, 0.1558, 0.0729



19.0784, 0.2979, 0.3184



14.4763, 0.1832, 0.1794



1.6270, 0.1883, 0.1979

Inverse Universe

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



24.3433, 0.4523, 0.2317



23.2695, 0.4725, 0.2376



83.4765, 0.4284, 0.4933



18.1588, 0.3205, 0.3157



12.1894, 0.4693, 0.2359



1.2088, 0.4477, 0.2240

Previews

White Background



This preview shows how the Yxy color 30.8694, 0.1886, 0.1929 looks on a white background.

Color Contrast Check

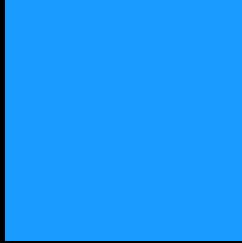
Large Text (above 18pt) WCAG AA × Fail

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 30.8694, 0.1886, 0.1929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

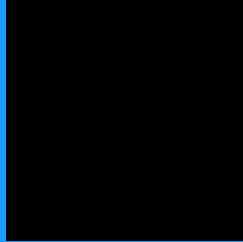
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

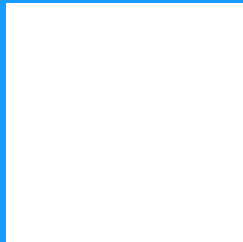
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.8694, 0.1886, 0.1929

Background



This preview shows how black text looks on a background with the Yxy color 30.8694, 0.1886, 0.1929.



This preview shows how white text looks on a background with the Yxy color 30.8694, 0.1886, 0.1929.

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

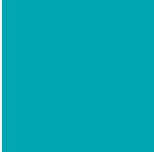
30.8823, 0.1887, 0.1929

Protanopia

30.5244, 0.2139, 0.1956

Deuteranopia

30.7309, 0.1970, 0.1904



Tritanopia

30.4868, 0.2189, 0.3079

Trichromacy



Original Color

30.8823, 0.1887, 0.1929

Protanomaly

30.0593, 0.2003, 0.1928

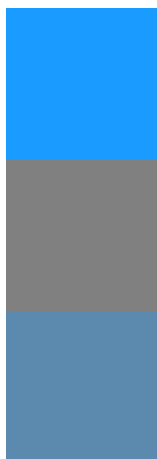
Deuteranomaly

30.4887, 0.1926, 0.1903

Tritanomaly

30.3550, 0.2057, 0.2583

Monochromacy



Original Color

30.8823, 0.1887, 0.1929

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

23.4571, 0.2392, 0.2667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8694, 0.1886, 0.1929 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(26, 155, 255)` looks like.

```
.text, #text, p{  
    color:rgb(26, 155, 255)  
}
```

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(26, 155, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 155, 255) }
```

Border

The CSS property to change the border of an element to Yxy 30.8694, 0.1886, 0.1929 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(26, 155, 255) }
```

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

```
.border{ border-color:rgb(26, 155, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 155, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 155, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 155, 255);  
box-shadow:4px 4px 4px 4px rgb(26, 155,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8694, 0.1886, 0.1929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 155, 255) }
```

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

```
.background{ background-color: rgb(26, 155,  
255) }
```

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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