

Converting Colors

$Yxy(29.0038, 0.1865, 0.1848)$

Have a look what the booklet for
Yxy(29.0038, 0.1865, 0.1848)
contains.

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Color

Yxy(28.9479, 0.1865, 0.1846)

Conversions

Conversions Part 1

Format	Color
Hex	1B95FF
RGB	27, 149, 255
RGB Percent	11%, 58%, 100%
CMY	0.8937, 0.4157, 0.0002
CMYK	0.89, 0.42, 0.00, 0.00
HSL	208°, 100%, 55%
HSV	208°, 89%, 100%
XYZ	29.2458, 28.9479, 98.6204
YIQ	124.6060, -106.7380, 7.1020

Conversions

Conversions Part 2

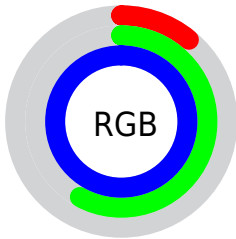
Format	Color
R _Y B	27, 106, 255
Decimal	1807871
CIE Lab	60.74, 6.80, -61.21
CIE LCh	61, 61.582, 276.338
Yxy	28.9479, 0.1865, 0.1846
Android (android.graphics.Color)	4279997951 (0xFF1B95FF)
YUV	124.6060, 64.2842, -85.6005
Hunter-Lab	53.8033, 2.8716, -71.0153

Details

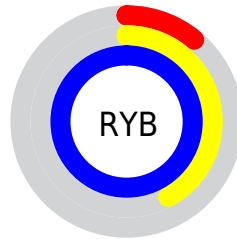
The Yxy color **28.9479, 0.1865, 0.1846** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **38.1259, 0.5316, 0.4068**, and the grayscale version is **20.1882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7138, 0.2303, 0.2646**, and **13.0009, 0.1770, 0.1570** is the 20% darker color. If you saturate the color by 10%, you get **25.1618, 0.1800, 0.1675**, and if you desaturate by 10%, it is **33.4054, 0.1953, 0.2025**.

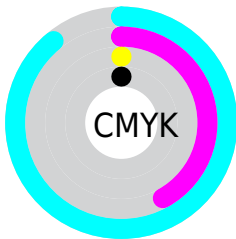
Distribution



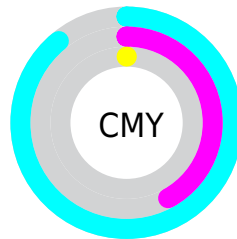
- Red (11%)
- Green (58%)
- Blue (100%)



- Red (11%)
- Yellow (42%)
- Blue (100%)



- Cyan (89%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)




- Cyan (89%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9479, 0.1865, 0.1846 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 28.9479, 0.1865, 0.1846 by changing the saturation by 10% instead.


 28.9479, 0.1865,
0.1846


 28.9479, 0.1865,
0.1846


296.9691, 0.2494,
0.2551

 19.0414, 0.1718,
0.1685


 57.9943, 0.2088,
0.2093


 11.7002, 0.1538,
0.1490


 77.9030, 0.2173,
0.2188


 6.5399, 0.1315,
0.1253


 101.9146, 0.2247,
0.2270

 3.1761, 0.1041,
0.0966

 130.4134, 0.2310,
0.2342

 1.2243, 0.0712,
0.0630

 163.7838, 0.2365,
0.2404

 0.0814, 0.0237,
0.0079

202.4103, 0.2413,

 0.0000, 0.0000,

0.2459

0.0000

246.6773, 0.2456,
0.2507

■ 28.9479, 0.1865,
0.1846

■ 28.9479, 0.1865,
0.1846

■ 25.1618, 0.1800,
0.1675

■ 33.4054, 0.1953,
0.2025

■ 24.9381, 0.1796,
0.1665

■ 38.6209, 0.2064,
0.2209

■ 44.6570, 0.2195,
0.2392

■ 51.5668, 0.2341,
0.2571

■ 59.3979, 0.2497,
0.2741

■ 68.1934, 0.2659,
0.2900

■ 77.9933, 0.2821,
0.3046

■ 88.8350, 0.2982,
0.3178

■ 99.9975, 0.3127,
0.3290

Harmonies

Analogous

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



28.9479, 0.1533, 0.2036



28.9479, 0.1865, 0.1846



28.9479, 0.2536, 0.1949

Triad

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



28.9479, 0.1865, 0.1846



28.9479, 0.5056, 0.3498



28.9479, 0.2549, 0.4699

Complementary

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



28.9479, 0.1865, 0.1846



38.1259, 0.5316, 0.4068

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.



28.9479, 0.3459, 0.5167



28.9479, 0.1865, 0.1846



28.9479, 0.4946, 0.4192

Square

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



28.9479, 0.1865, 0.1846



28.9479, 0.4505, 0.2848



28.9479, 0.4331, 0.4850



28.9479, 0.1851, 0.3597

Rectangle

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



28.9479, 0.1865, 0.1846



28.9479, 0.3161, 0.2159



28.9479, 0.4331, 0.4850



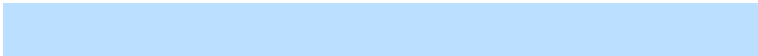
28.9479, 0.2842, 0.4955

Sweetspot

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



28.9488, 0.1865, 0.1846



70.4442, 0.2697, 0.2936



73.3320, 0.2743, 0.5003



14.3938, 0.2642, 0.2884



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.



28.9488, 0.1865, 0.1846



24.9464, 0.1796, 0.1665



8.8708, 0.1557, 0.0719



18.9872, 0.2979, 0.3177



13.3372, 0.1804, 0.1692



1.5174, 0.1858, 0.1888

Inverse Universe

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



24.2118, 0.4617, 0.2376



23.0495, 0.4850, 0.2446



85.7745, 0.4254, 0.4954



18.1496, 0.3210, 0.3164



12.0744, 0.4816, 0.2427



1.1977, 0.4582, 0.2298

Previews

White Background



This preview shows how the Yxy color 28.9479, 0.1865, 0.1846 looks on a white background.

Color Contrast Check

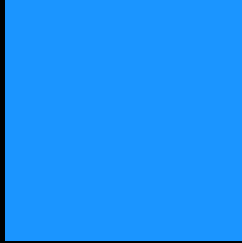
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9479, 0.1865, 0.1846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

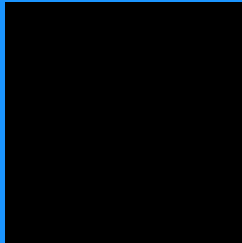
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

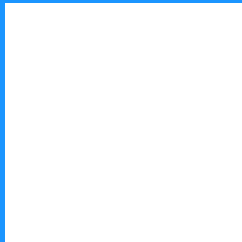
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.9479, 0.1865, 0.1846

Background



This preview shows how black text looks on a background with the Yxy color 28.9479, 0.1865, 0.1846.



This preview shows how white text looks on a background with the Yxy color 28.9479, 0.1865, 0.1846.

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

28.9479, 0.1865, 0.1846

Protanopia

28.7760, 0.2073, 0.1878

Deuteranopia

28.8175, 0.1901, 0.1832



Tritanopia

28.8578, 0.2192, 0.3091

Trichromacy



Original Color

28.9479, 0.1865, 0.1846

Protanomaly

28.6323, 0.1965, 0.1858

Deuteranomaly

28.9134, 0.1886, 0.1840

Tritanomaly

28.4903, 0.2046, 0.2538

Monochromacy



Original Color

28.9479, 0.1865, 0.1846

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

22.1526, 0.2378, 0.2622

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9479, 0.1865, 0.1846 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(27, 149, 255)` looks like.

```
.text, #text, p{  
    color:rgb(27, 149, 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(27, 149, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 149, 255) }
```

Border

The CSS property to change the border of an element to Yxy 28.9479, 0.1865, 0.1846 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(27, 149, 255) }
```

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

```
.border{ border-color:rgb(27, 149, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 149, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 149, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 149, 255);  
box-shadow:4px 4px 4px 4px rgb(27, 149,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9479, 0.1865, 0.1846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 149, 255) }
```

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

```
.background{ background-color: rgb(27, 149,  
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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