

Converting Colors

$Yxy(29.4272, 0.1869, 0.1867)$

Have a look what the booklet for
Yxy(29.4272, 0.1869, 0.1867)
contains.

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Color

Yxy(29.5599, 0.1870, 0.1873)

Conversions

Conversions Part 1

Format	Color
Hex	1997FF
RGB	25, 151, 255
RGB Percent	10%, 59%, 100%
CMY	0.9026, 0.4078, 0.0000
CMYK	0.90, 0.41, 0.00, 0.00
HSL	207°, 100%, 55%
HSV	207°, 90%, 100%
XYZ	29.5126, 29.5599, 98.7487
YIQ	125.1820, -108.4800, 5.6320

Conversions

Conversions Part 2

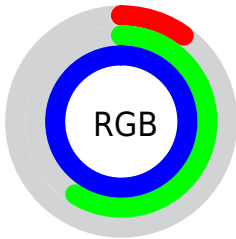
Format	Color
R _Y B	25, 106, 255
Decimal	1677311
CIE Lab	61.27, 5.51, -60.36
CIE LCh	61, 60.614, 275.213
Yxy	29.5599, 0.1870, 0.1873
Android (android.graphics.Color)	4279867391 (0xFF1997FF)
YUV	125.1820, 64.0003, -87.8596
Hunter-Lab	54.3690, 1.7475, -69.6282

Details

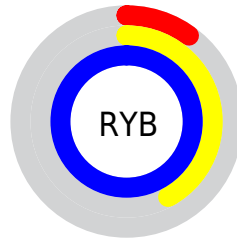
The Yxy color **29.5599, 0.1870, 0.1873** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **36.9814, 0.5371, 0.4034**, and the grayscale version is **20.3660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6646, 0.2308, 0.2672**, and **13.3846, 0.1779, 0.1604** is the 20% darker color. If you saturate the color by 10%, you get **25.9132, 0.1809, 0.1711**, and if you desaturate by 10%, it is **33.9344, 0.1954, 0.2047**.

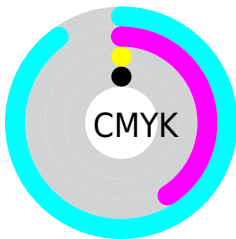
Distribution



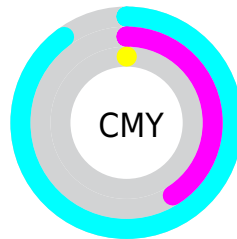
- Red (10%)
- Green (59%)
- Blue (100%)



- Red (10%)
- Yellow (42%)
- Blue (100%)



- Cyan (90%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (90%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.5599, 0.1870, 0.1873 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 29.5599, 0.1870, 0.1873 by changing the saturation by 10% instead.


 29.5599, 0.1870,
0.1873

 29.5599, 0.1870,
0.1873


299.8476, 0.2495,
0.2565

 19.5048, 0.1724,
0.1714


 58.9655, 0.2091,
0.2116

 12.0356, 0.1546,
0.1522


 79.0847, 0.2176,
0.2210


 6.7679, 0.1325,
0.1287


 103.3275, 0.2249,
0.2290

 3.3174, 0.1052,
0.1001

 132.0782, 0.2312,
0.2360

 1.2996, 0.0724,
0.0664

 165.7211, 0.2366,
0.2421

 0.1409, 0.0259,
0.0136

204.6407, 0.2414,

 0.0000, 0.0000,

0.2475

0.0000

249.2214, 0.2457,
0.2523

■ 29.5599, 0.1870,
0.1873

■ 29.5599, 0.1870,
0.1873

■ 25.9132, 0.1809,
0.1711

■ 33.9344, 0.1954,
0.2047

■ 39.0414, 0.2061,
0.2225

■ 44.9435, 0.2189,
0.2404

■ 51.6935, 0.2332,
0.2577

■ 59.3385, 0.2485,
0.2743

■ 67.9213, 0.2645,
0.2898

■ 77.4814, 0.2807,
0.3041

■ 88.0555, 0.2967,
0.3171

■ 99.6782, 0.3123,
0.3287

Harmonies

Analogous

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



29.5599, 0.1554, 0.2074



29.5599, 0.1870, 0.1873



29.5599, 0.2518, 0.1964

Triad

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



29.5599, 0.1870, 0.1873



29.5599, 0.5006, 0.3475



29.5599, 0.2596, 0.4695

Complementary

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



29.5599, 0.1870, 0.1873



36.9814, 0.5371, 0.4034

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.



29.5599, 0.3492, 0.5124



29.5599, 0.1870, 0.1873



29.5599, 0.4927, 0.4158

Square

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



29.5599, 0.1870, 0.1873



29.5599, 0.4443, 0.2836



29.5599, 0.4342, 0.4803



29.5599, 0.1896, 0.3635

Rectangle

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



29.5599, 0.1870, 0.1873



29.5599, 0.3125, 0.2165



29.5599, 0.4342, 0.4803



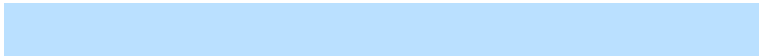
29.5599, 0.2885, 0.4934

Sweetspot

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



29.5608, 0.1870, 0.1873



70.9322, 0.2698, 0.2946



73.2876, 0.2746, 0.5021



14.5087, 0.2643, 0.2896



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.



29.5608, 0.1870, 0.1873



25.9155, 0.1809, 0.1711



8.7072, 0.1551, 0.0708



19.0285, 0.2979, 0.3180



13.8440, 0.1816, 0.1738



1.5663, 0.1869, 0.1929

Inverse Universe

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



24.1814, 0.4588, 0.2352



23.1473, 0.4793, 0.2414



85.7180, 0.4257, 0.4958



18.1537, 0.3208, 0.3160



12.1255, 0.4760, 0.2396



1.2027, 0.4534, 0.2271

Previews

White Background



This preview shows how the Yxy color 29.5599, 0.1870, 0.1873 looks on a white background.

Color Contrast Check

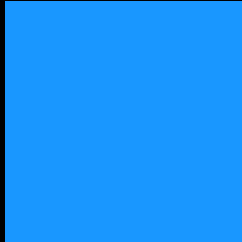
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5599, 0.1870, 0.1873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

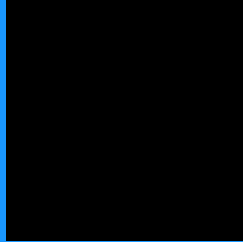
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

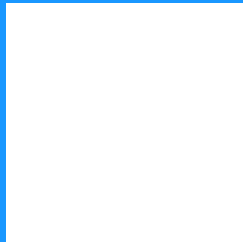
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.5599, 0.1870, 0.1873

Background



This preview shows how black text looks on a background with the Yxy color 29.5599, 0.1870, 0.1873.



This preview shows how white text looks on a background with the Yxy color 29.5599, 0.1870, 0.1873.

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

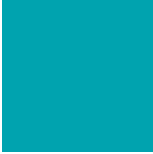
29.5599, 0.1870, 0.1873

Protanopia

29.3058, 0.2095, 0.1898

Deuteranopia

29.6447, 0.1925, 0.1865



Tritanopia

29.2895, 0.2188, 0.3075

Trichromacy



Original Color

29.5599, 0.1870, 0.1873

Protanomaly

29.0187, 0.1975, 0.1874

Deuteranomaly

29.6370, 0.1901, 0.1870

Tritanomaly

29.2140, 0.2051, 0.2559

Monochromacy



Original Color

29.5599, 0.1870, 0.1873

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 29.5599, 0.1870, 0.1873 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(25, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(25, 151, 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(25, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 151, 255) }
```

Border

The CSS property to change the border of an element to Yxy 29.5599, 0.1870, 0.1873 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(25, 151, 255) }
```

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

```
.border{ border-color:rgb(25, 151, 255) }
```

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

Here you see how a box with a 4 pixel rgb(25, 151, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(25, 151,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5599, 0.1870, 0.1873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 151, 255) }
```

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

```
.background{ background-color: rgb(25, 151,  
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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