

Converting Colors

$Yxy(43.3728, 0.2014, 0.2398)$

Have a look what the booklet for
Yxy(43.3728, 0.2014, 0.2398)
contains.

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Color

Yxy(43.3931, 0.2014, 0.2399)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 19BCFF |
| RGB | 25, 188, 255 |
| RGB Percent | 10%, 74%, 100% |
| CMY | 0.9027, 0.2627, 0.0000 |
| CMYK | 0.90, 0.26, 0.00, 0.00 |
| HSL | 197°, 100%, 55% |
| HSV | 197°, 90%, 100% |
| XYZ | 36.4292, 43.3931, 101.0576 |
| YIQ | 146.9010, -118.6550, -13.7190 |

Conversions

Conversions Part 2

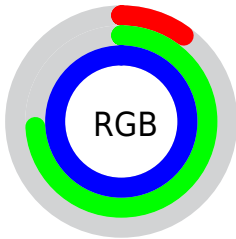
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 25, 120, 255 |
| Decimal | 1686783 |
| CIE Lab | 71.82, -15.34, -43.67 |
| CIE LCh | 72, 46.290, 250.643 |
| Yxy | 43.3931, 0.2014, 0.2399 |
| Android (android.graphics.Color) | 4279876863 (0xFF19BCFF) |
| YUV | 146.9010, 53.2928, -106.9072 |
| Hunter-Lab | 65.8734, -16.5647, -44.8464 |

Details

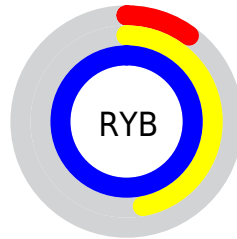
The Yxy color **43.3931, 0.2014, 0.2399** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **28.9486, 0.5777, 0.3698**, and the grayscale version is **28.9258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.7729, 0.2413, 0.3159**, and **21.4052, 0.1948, 0.2211** is the 20% darker color. If you saturate the color by 10%, you get **40.1808, 0.1970, 0.2293**, and if you desaturate by 10%, it is **47.1292, 0.2077, 0.2510**.

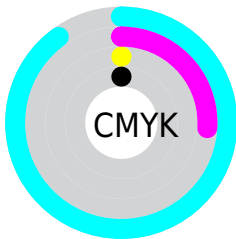
Distribution



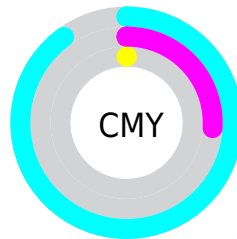
- Red (10%)
- Green (74%)
- Blue (100%)



- Red (10%)
- Yellow (47%)
- Blue (100%)



- Cyan (90%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3931, 0.2014, 0.2399 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 43.3931, 0.2014, 0.2399 by changing the saturation by 10% instead.

43.3931, 0.2014,
0.2399

43.3931, 0.2014,
0.2399

360.2259, 0.2543,
0.2842

30.1937, 0.1894,
0.2293

80.3037, 0.2198,
0.2558

19.9856, 0.1746,
0.2160

104.7837, 0.2269,
0.2618

12.3846, 0.1564,
0.1991

133.7927, 0.2331,
0.2669

7.0062, 0.1334,
0.1770

167.7150, 0.2385,
0.2714

3.4660, 0.1043,
0.1476

206.9351, 0.2431,
0.2752

1.3796, 0.0683,
0.1084

251.8373, 0.2473,

0.2016, 0.0000,

0.2786

0.0347

302.8061, 0.2510,
0.2816

■ 0.0000, 0.0000,
0.0000

■ 43.3931, 0.2014,
0.2399

■ 43.3931, 0.2014,
0.2399

■ 40.1808, 0.1970,
0.2293

■ 47.1292, 0.2077,
0.2510

■ 51.3902, 0.2160,
0.2622

■ 56.2322, 0.2263,
0.2732

■ 61.7011, 0.2383,
0.2840

■ 67.8372, 0.2517,
0.2943

■ 74.6771, 0.2662,
0.3040

■ 82.2539, 0.2813,
0.3131

■ 90.5985, 0.2968,
0.3213

■ 99.7397, 0.3123,
0.3288

Harmonies

Analogous

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



43.3931, 0.1978, 0.2788



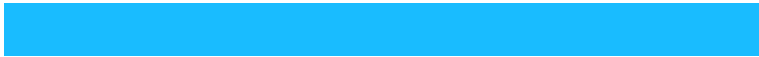
43.3931, 0.2014, 0.2399



43.3931, 0.2304, 0.2267

Triad

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



43.3931, 0.2014, 0.2399



43.3931, 0.4110, 0.3076



43.3931, 0.3316, 0.4476

Complementary

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



43.3931, 0.2014, 0.2399



28.9486, 0.5777, 0.3698

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.



43.3931, 0.3927, 0.4424



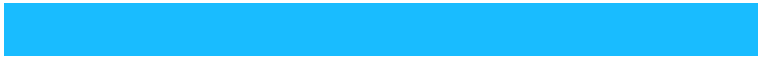
43.3931, 0.2014, 0.2399



43.3931, 0.4430, 0.3572

Square

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



43.3931, 0.2014, 0.2399



43.3931, 0.3495, 0.2650



43.3931, 0.4347, 0.4060



43.3931, 0.2688, 0.4085

Rectangle

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



43.3931, 0.2014, 0.2399



43.3931, 0.2630, 0.2308



43.3931, 0.4347, 0.4060



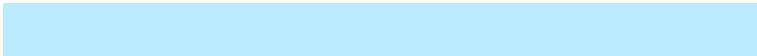
43.3931, 0.3531, 0.4506

Sweetspot

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



43.3946, 0.2014, 0.2399



77.0737, 0.2710, 0.3071



72.4595, 0.2876, 0.5484



15.9621, 0.2659, 0.3039



0.0000, 0.0000, 0.0000



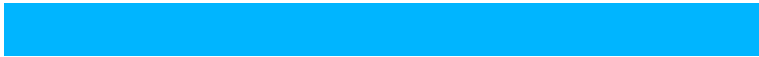
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.3946, 0.2014, 0.2399



40.1828, 0.1970, 0.2293



12.4142, 0.1620, 0.0960



19.5359, 0.2980, 0.3219



21.2666, 0.1975, 0.2311



2.2592, 0.2010, 0.2436

Inverse Universe

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



25.5777, 0.4018, 0.2029



24.5876, 0.4134, 0.2051



65.0498, 0.4570, 0.4698



18.2050, 0.3183, 0.3123



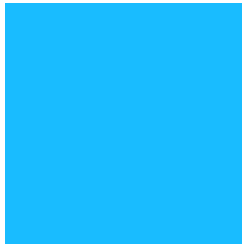
12.8748, 0.4115, 0.2040



1.2726, 0.3987, 0.1970

Previews

White Background



This preview shows how the Yxy color 43.3931, 0.2014, 0.2399 looks on a white background.

Color Contrast Check

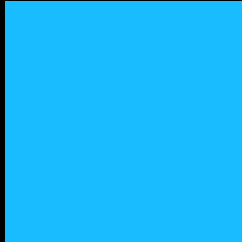
Large Text (above 18pt) WCAG AA × Fail

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 43.3931, 0.2014, 0.2399 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

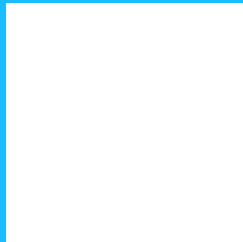
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3931, 0.2014, 0.2399

Background



This preview shows how black text looks on a background with the Yxy color 43.3931, 0.2014, 0.2399.

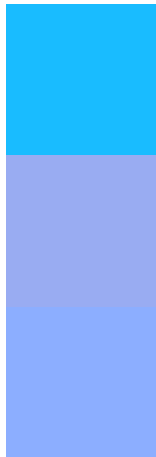


This preview shows how white text looks on a background with the Yxy color 43.3931, 0.2014, 0.2399.

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

43.3931, 0.2014, 0.2399

Protanopia

42.6882, 0.2488, 0.2418

Deuteranopia

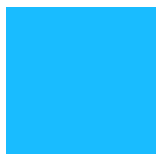
43.0676, 0.2345, 0.2295



Tritanopia

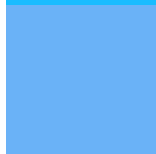
43.1870, 0.2184, 0.3062

Trichromacy



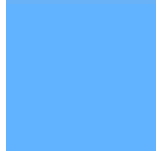
Original Color

43.3931, 0.2014, 0.2399



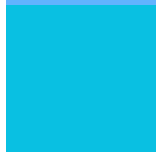
Protanomaly

41.6204, 0.2218, 0.2388



Deuteranomaly

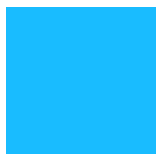
42.0569, 0.2155, 0.2312



Tritanomaly

43.2483, 0.2116, 0.2799

Monochromacy



Original Color

43.3931, 0.2014, 0.2399



Achromatopsia

29.1771, 0.3127, 0.3290



Achromatomaly

32.2694, 0.2469, 0.2910

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3931, 0.2014, 0.2399 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, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(25, 188, 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, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 188, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.3931, 0.2014, 0.2399 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, 188, 255) }
```

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

```
.border{ border-color:rgb(25, 188, 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, 188, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 188, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 188, 255);  
box-shadow:4px 4px 4px 4px rgb(25, 188,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3931, 0.2014, 0.2399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 188, 255) }
```

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

```
.background{ background-color: rgb(25, 188,  
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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