

Converting Colors

$Y_{xy}(43.5406, 0.2108, 0.2378)$

Have a look what the booklet for
Yxy(43.5406, 0.2108, 0.2378)
contains.

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Color

Yxy(43.5802, 0.2108, 0.2379)

Conversions

Conversions Part 1

Format	Color
Hex	4FB9FF
RGB	79, 185, 255
RGB Percent	31%, 73%, 100%
CMY	0.6907, 0.2744, 0.0000
CMYK	0.69, 0.27, 0.00, 0.00
HSL	204°, 100%, 65%
HSV	204°, 69%, 100%
XYZ	38.6158, 43.5802, 100.9910
YIQ	161.2860, -85.6460, -0.7020

Conversions

Conversions Part 2

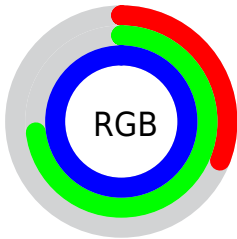
Format	Color
RYP	79, 145, 255
Decimal	5224959
CIELab	71.95, -8.76, -43.41
CIElCh	72, 44.289, 258.592
Yxy	43.5802, 0.2108, 0.2379
Android (android.graphics.Color)	4283415039 (0xFF4FB9FF)
YUV	161.2860, 46.2010, -72.1648
Hunter-Lab	66.0153, -11.1127, -44.4919

Details

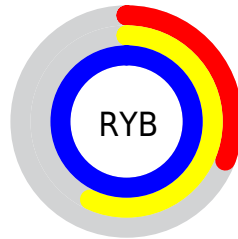
The Yxy color **43.5802, 0.2108, 0.2379** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **43.2720, 0.4872, 0.3950**, and the grayscale version is **35.5768, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2416, 0.2518, 0.3129**, and **20.5797, 0.1932, 0.2156** is the 20% darker color. If you saturate the color by 10%, you get **38.6014, 0.2006, 0.2223**, and if you desaturate by 10%, it is **49.2818, 0.2229, 0.2534**.

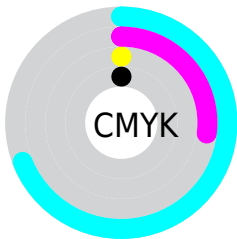
Distribution



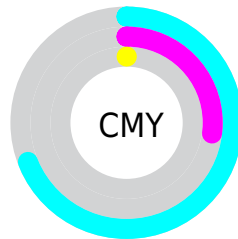
- Red (31%)
- Green (73%)
- Blue (100%)



- Red (31%)
- Yellow (57%)
- Blue (100%)



- Cyan (69%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5802, 0.2108, 0.2379 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 43.5802, 0.2108, 0.2379 by changing the saturation by 10% instead.

43.5802, 0.2108,
0.2379

43.5802, 0.2108,
0.2379

360.9924, 0.2596,
0.2827

30.3406, 0.1996,
0.2273

80.5857, 0.2279,
0.2538

20.0973, 0.1858,
0.2141

105.1204, 0.2345,
0.2599

12.4658, 0.1685,
0.1973

134.1888, 0.2401,
0.2651

7.0617, 0.1465,
0.1755

168.1756, 0.2451,
0.2696

3.5007, 0.1182,
0.1467

207.4649, 0.2494,
0.2735

1.3984, 0.0820,
0.1083

252.4412, 0.2532,

0.2155, 0.0000,

0.2769

0.0371

303.4889, 0.2565,
0.2800

■ 0.0000, 0.0000,
0.0000

■ 43.5802, 0.2108,
0.2379

■ 43.5802, 0.2108,
0.2379

■ 38.6014, 0.2006,
0.2223

■ 49.2818, 0.2229,
0.2534

■ 34.2854, 0.1927,
0.2068

■ 55.7525, 0.2366,
0.2685

■ 30.5511, 0.1868,
0.1919

■ 63.0367, 0.2514,
0.2828

■ 30.2243, 0.1863,
0.1905

■ 71.1738, 0.2670,
0.2962

■ 80.2004, 0.2828,
0.3086

■ 90.1503, 0.2986,
0.3198

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.



43.5802, 0.2008, 0.2689



43.5802, 0.2108, 0.2379



43.5802, 0.2451, 0.2311

Triad

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



43.5802, 0.2108, 0.2379



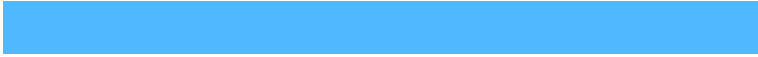
43.5802, 0.4182, 0.3211



43.5802, 0.3147, 0.4360

Complementary

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



43.5802, 0.2108, 0.2379



43.2720, 0.4872, 0.3950

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.



43.5802, 0.3753, 0.4425



43.5802, 0.2108, 0.2379



43.5802, 0.4390, 0.3694

Square

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



43.5802, 0.2108, 0.2379



43.5802, 0.3651, 0.2774



43.5802, 0.4217, 0.4143



43.5802, 0.2567, 0.3890

Rectangle

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



43.5802, 0.2108, 0.2379



43.5802, 0.2800, 0.2386



43.5802, 0.4217, 0.4143



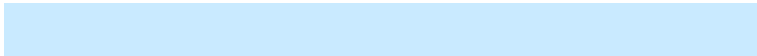
43.5802, 0.3355, 0.4429

Sweetspot

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



43.5811, 0.2108, 0.2379



78.3874, 0.2797, 0.3063



75.2642, 0.2779, 0.4733



16.2356, 0.2754, 0.3029



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.



43.5811, 0.2108, 0.2379



36.8296, 0.1972, 0.2162



17.8802, 0.1836, 0.1274



19.1991, 0.2979, 0.3193



16.0927, 0.1869, 0.1930



1.7805, 0.1917, 0.2100

Inverse Universe

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



30.3369, 0.3996, 0.2296



25.9498, 0.4253, 0.2232



80.9258, 0.4190, 0.4696



18.1710, 0.3199, 0.3148



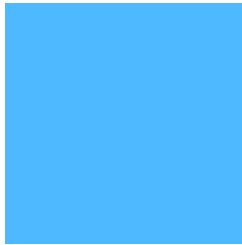
12.3525, 0.4533, 0.2271



1.2243, 0.4341, 0.2165

Previews

White Background



This preview shows how the Yxy color 43.5802, 0.2108, 0.2379 looks on a white background.

Color Contrast Check

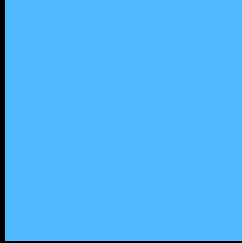
Large Text (above 18pt) WCAG AA × Fail

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 43.5802, 0.2108, 0.2379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

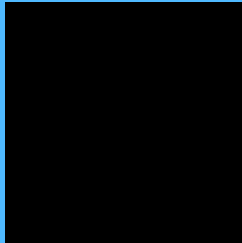
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

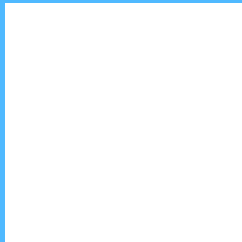
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5802, 0.2108, 0.2379

Background



This preview shows how black text looks on a background with the Yxy color 43.5802, 0.2108, 0.2379.



This preview shows how white text looks on a background with the Yxy color 43.5802, 0.2108, 0.2379.

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

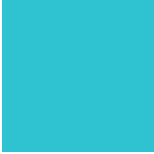
43.5802, 0.2108, 0.2379

Protanopia

43.2520, 0.2473, 0.2400

Deuteranopia

43.2429, 0.2356, 0.2298



Tritanopia

43.7914, 0.2238, 0.3065

Trichromacy



Original Color

43.5802, 0.2108, 0.2379

Protanomaly

42.7195, 0.2304, 0.2376

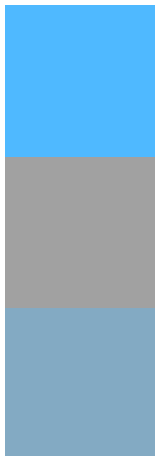
Deuteranomaly

42.9827, 0.2244, 0.2320

Tritanomaly

43.6824, 0.2184, 0.2793

Monochromacy



Original Color

43.5802, 0.2108, 0.2379

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

37.5149, 0.2620, 0.2926

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5802, 0.2108, 0.2379 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(79, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(79, 185, 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(79, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 185, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.5802, 0.2108, 0.2379 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(79, 185, 255) }
```

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

```
.border{ border-color:rgb(79, 185, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(79, 185,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5802, 0.2108, 0.2379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 185, 255) }
```

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

```
.background{ background-color: rgb(79, 185,  
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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