

Converting Colors

$Yxy(44.1307, 0.2113, 0.2397)$

Have a look what the booklet for
Yxy(44.1307, 0.2113, 0.2397)
contains.

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Color

Yxy(44.0001, 0.2112, 0.2393)

Conversions

Conversions Part 1

Format	Color
Hex	4FBAFF
RGB	79, 186, 255
RGB Percent	31%, 73%, 100%
CMY	0.6900, 0.2706, 0.0001
CMYK	0.69, 0.27, 0.00, 0.00
HSL	204°, 100%, 65%
HSV	204°, 69%, 100%
XYZ	38.8334, 44.0001, 101.0366
YIQ	161.8730, -85.9210, -1.2250

Conversions

Conversions Part 2

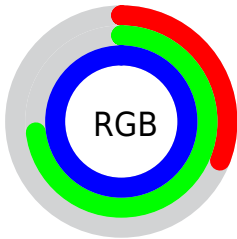
Format	Color
R_{YB}	79, 146, 255
Decimal	5225215
CIE _{Lab}	72.23, -9.28, -42.96
CIE _{LCh}	72, 43.948, 257.810
Yxy	44.0001, 0.2112, 0.2393
Android (android.graphics.Color)	4283415295 (0xFF4FBAFF)
YUV	161.8730, 45.9116, -72.6796
Hunter-Lab	66.3326, -11.5820, -43.8767

Details

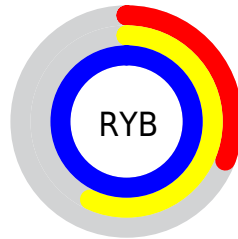
The Yxy color **44.0001, 0.2112, 0.2393** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **43.0118, 0.4878, 0.3940**, and the grayscale version is **35.8871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8353, 0.2520, 0.3140**, and **20.8523, 0.1937, 0.2174** is the 20% darker color. If you saturate the color by 10%, you get **39.0429, 0.2011, 0.2239**, and if you desaturate by 10%, it is **49.6742, 0.2232, 0.2546**.

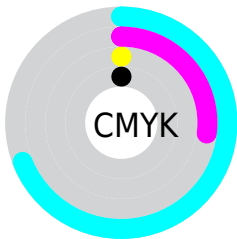
Distribution



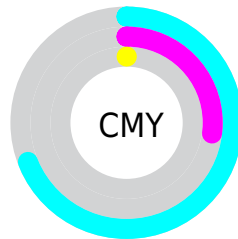
- Red (31%)
- Green (73%)
- Blue (100%)



- 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 44.0001, 0.2112, 0.2393 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 44.0001, 0.2112, 0.2393 by changing the saturation by 10% instead.

■ 44.0001, 0.2112,
0.2393

■ 44.0001, 0.2112,
0.2393

362.7087, 0.2597,
0.2834

■ 30.6706, 0.2000,
0.2288

■ 81.2179, 0.2282,
0.2550

■ 20.3481, 0.1863,
0.2158

■ 105.8750, 0.2347,
0.2610

■ 12.6484, 0.1691,
0.1993

■ 135.0767, 0.2404,
0.2661

■ 7.1869, 0.1473,
0.1777

■ 169.2074, 0.2453,
0.2705

■ 3.5792, 0.1191,
0.1491

208.6516, 0.2496,
0.2743

■ 1.4411, 0.0831,
0.1109

253.7936, 0.2533,

■ 0.2467, 0.0014,

0.2777

0.0421

305.0178, 0.2567,
0.2807

0.0000, 0.0000,
0.0000

44.0001, 0.2112,
0.2393

44.0001, 0.2112,
0.2393

39.0429, 0.2011,
0.2239

49.6742, 0.2232,
0.2546

34.7411, 0.1932,
0.2086

56.1093, 0.2369,
0.2694

31.0150, 0.1873,
0.1939

63.3502, 0.2516,
0.2835

30.6631, 0.1868,
0.1924

71.4361, 0.2671,
0.2967

80.4031, 0.2829,
0.3089

■ 90.2849, 0.2987,
0.3200

99.9987, 0.3127,
0.3290

Harmonies

Analogous

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



44.0001, 0.2019, 0.2707



44.0001, 0.2112, 0.2393



44.0001, 0.2446, 0.2319

Triad

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



44.0001, 0.2112, 0.2393



44.0001, 0.4160, 0.3200



44.0001, 0.3164, 0.4354

Complementary

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



44.0001, 0.2112, 0.2393



43.0118, 0.4878, 0.3940

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.



44.0001, 0.3762, 0.4409



44.0001, 0.2112, 0.2393



44.0001, 0.4376, 0.3679

Square

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



44.0001, 0.2112, 0.2393



44.0001, 0.3629, 0.2769



44.0001, 0.4215, 0.4125



44.0001, 0.2586, 0.3899

Rectangle

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



44.0001, 0.2112, 0.2393



44.0001, 0.2789, 0.2390



44.0001, 0.4215, 0.4125



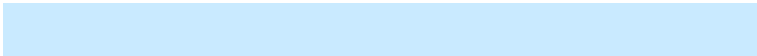
44.0001, 0.3369, 0.4419

Sweetspot

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



44.0016, 0.2112, 0.2393



78.5476, 0.2798, 0.3066



75.2628, 0.2779, 0.4732



16.2738, 0.2754, 0.3032



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.



44.0016, 0.2112, 0.2393



37.2515, 0.1977, 0.2177



17.9170, 0.1837, 0.1276



19.2157, 0.2979, 0.3195



16.3240, 0.1875, 0.1948



1.8023, 0.1922, 0.2117

Inverse Universe

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



30.4012, 0.3982, 0.2289



25.9924, 0.4236, 0.2222



80.9271, 0.4189, 0.4696



18.1726, 0.3199, 0.3146



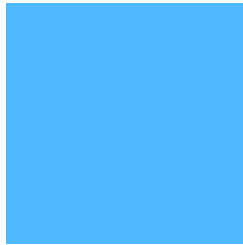
12.3759, 0.4512, 0.2259



1.2265, 0.4322, 0.2155

Previews

White Background



This preview shows how the Yxy color 44.0001, 0.2112, 0.2393 looks on a white background.

Color Contrast Check

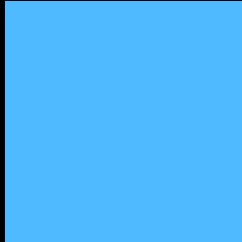
Large Text (above 18pt) WCAG AA × Fail

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 44.0001, 0.2112, 0.2393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

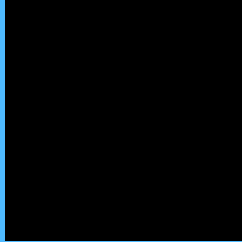
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

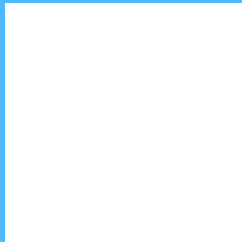
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0001, 0.2112, 0.2393

Background



This preview shows how black text looks on a background with the Yxy color 44.0001, 0.2112, 0.2393.



This preview shows how white text looks on a background with the Yxy color 44.0001, 0.2112, 0.2393.

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

44.0001, 0.2112, 0.2393

Protanopia

43.3497, 0.2479, 0.2402

Deuteranopia

43.7196, 0.2364, 0.2312



Tritanopia

43.8651, 0.2236, 0.3051

Trichromacy



Original Color

44.0001, 0.2112, 0.2393

Protanomaly

43.1924, 0.2311, 0.2390

Deuteranomaly

43.4533, 0.2252, 0.2334

Tritanomaly

43.6824, 0.2184, 0.2793

Monochromacy



Original Color

44.0001, 0.2112, 0.2393

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

38.0169, 0.2622, 0.2928

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0001, 0.2112, 0.2393 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, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(79, 186, 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, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 186, 255) }
```

Border

The CSS property to change the border of an element to Yxy 44.0001, 0.2112, 0.2393 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, 186, 255) }
```

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

```
.border{ border-color:rgb(79, 186, 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, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(79, 186,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0001, 0.2112, 0.2393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 186, 255) }
```

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

```
.background{ background-color: rgb(79, 186,  
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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