

Converting Colors

$Yxy(79.1797, 0.2453, 0.3215)$

Have a look what the booklet for
Yxy(79.1797, 0.2453, 0.3215)
contains.

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Color

Yxy(79.4070, 0.2454, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	7EF9FF
RGB	126, 249, 255
RGB Percent	49%, 98%, 100%
CMY	0.5056, 0.0235, 0.0000
CMYK	0.51, 0.02, 0.00, 0.00
HSL	183°, 100%, 75%
HSV	183°, 51%, 100%
XYZ	60.5358, 79.4070, 106.7394
YIQ	212.9070, -75.2340, -24.2100

Conversions

Conversions Part 2

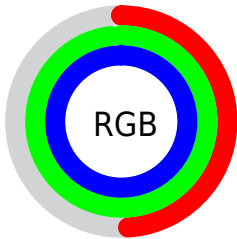
Format	Color
RYB	126, 189, 255
Decimal	8321535
CIELab	91.42, -32.82, -13.48
CIELCh	91, 35.477, 202.323
Yxy	79.4070, 0.2454, 0.3219
Android (android.graphics.Color)	4286511615 (0xFF7EF9FF)
YUV	212.9070, 20.7518, -76.2174
Hunter-Lab	89.1106, -34.6825, -8.6419

Details

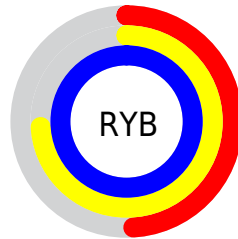
The Yxy color **79.4070, 0.2454, 0.3219** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **39.2877, 0.4549, 0.3355**, and the grayscale version is **66.3827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3048, 0.2736, 0.3289**, and **42.7371, 0.2312, 0.3197** is the 20% darker color. If you saturate the color by 10%, you get **76.9800, 0.2367, 0.3203**, and if you desaturate by 10%, it is **82.3388, 0.2560, 0.3235**.

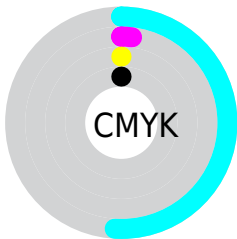
Distribution



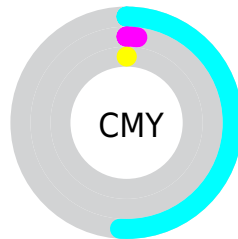
- Red (49%)
- Green (98%)
- Blue (100%)



- Red (49%)
- Yellow (74%)
- Blue (100%)



- Cyan (51%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (51%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.4070, 0.2454, 0.3219 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 79.4070, 0.2454, 0.3219 by changing the saturation by 10% instead.

 79.4070, 0.2454,
0.3219

 79.4070, 0.2454,
0.3219

492.9321, 0.2753,
0.3259

 59.2305, 0.2389,
0.3208


 132.5317, 0.2555,
0.3234

 42.7987, 0.2310,
0.3194


 166.2487, 0.2595,
0.3240

 29.7272, 0.2212,
0.3175


 205.2479, 0.2630,
0.3245

 19.6316, 0.2089,
0.3148

249.9138, 0.2661,
0.3249

 12.1276, 0.1928,
0.3108

300.6308, 0.2688,
0.3252

 6.8306, 0.1712,
0.3046

357.7833, 0.2712,

 3.3564, 0.1411,

0.3255

0.2938

421.7556, 0.2734,
0.3257

■ 1.3205, 0.0839,
0.2767

■ 0.1570, 0.0000,
0.1229

■ 79.4070, 0.2454,
0.3219

■ 79.4070, 0.2454,
0.3219

■ 76.9800, 0.2367,
0.3203

■ 82.3388, 0.2560,
0.3235

■ 75.0103, 0.2299,
0.3187

■ 85.8004, 0.2682,
0.3249

■ 73.4570, 0.2251,
0.3171

■ 89.8262, 0.2818,
0.3264

■ 72.2675, 0.2221,
0.3156

■ 94.4449, 0.2964,
0.3277

■ 71.3997, 0.2206,
0.3141

99.6835, 0.3118,
0.3289

99.9997, 0.3127,
0.3290

Harmonies

Analogous

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



79.4070, 0.2720, 0.3627



79.4070, 0.2454, 0.3219



79.4070, 0.2361, 0.2869

Triad

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



79.4070, 0.2454, 0.3219



79.4070, 0.3105, 0.2738



79.4070, 0.3830, 0.3908

Complementary

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



79.4070, 0.2454, 0.3219



39.2877, 0.4549, 0.3355

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.



79.4070, 0.3957, 0.3629



79.4070, 0.2454, 0.3219



79.4070, 0.3525, 0.2978

Square

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



79.4070, 0.2454, 0.3219



79.4070, 0.2717, 0.2623



79.4070, 0.3846, 0.3295



79.4070, 0.3513, 0.4038

Rectangle

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



79.4070, 0.2454, 0.3219



79.4070, 0.2403, 0.2713



79.4070, 0.3846, 0.3295



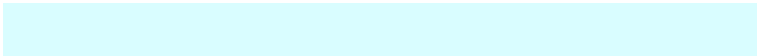
79.4070, 0.3897, 0.3827

Sweetspot

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



79.4101, 0.2454, 0.3219



92.3232, 0.2898, 0.3271



77.5796, 0.3033, 0.4859



19.5539, 0.2867, 0.3268



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

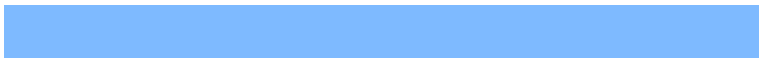
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4101, 0.2454, 0.3219



76.8870, 0.2363, 0.3203



46.8769, 0.2300, 0.2436



20.3280, 0.2980, 0.3278



37.3727, 0.2207, 0.3144



3.6818, 0.2212, 0.3162

Inverse Universe

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



43.0374, 0.3237, 0.2117



37.0318, 0.3261, 0.1927



61.7210, 0.4174, 0.3995



18.2849, 0.3145, 0.3067



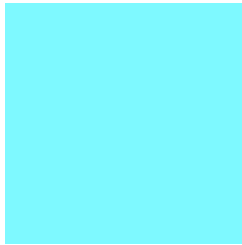
14.5008, 0.3329, 0.1608



1.4162, 0.3314, 0.1600

Previews

White Background



This preview shows how the Yxy color 79.4070, 0.2454, 0.3219 looks on a white background.

Color Contrast Check

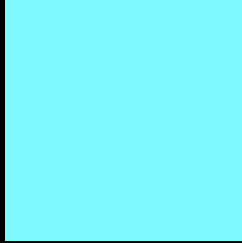
Large Text (above 18pt) WCAG AA × Fail

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 79.4070, 0.2454, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

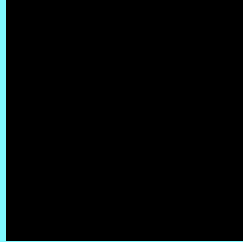
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.4070, 0.2454, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 79.4070, 0.2454, 0.3219.

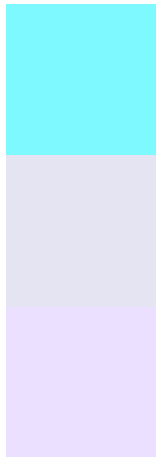


This preview shows how white text looks on a background with the Yxy color 79.4070, 0.2454, 0.3219.

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

79.4070, 0.2454, 0.3219

Protanopia

78.5556, 0.3046, 0.3145

Deuteranopia

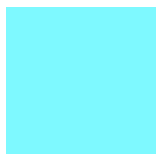
78.1935, 0.3006, 0.2977



Tritanopia

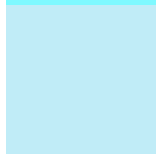
78.7885, 0.2637, 0.3134

Trichromacy



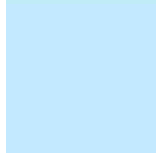
Original Color

79.4070, 0.2454, 0.3219



Protanomaly

77.9128, 0.2787, 0.3169



Deuteranomaly

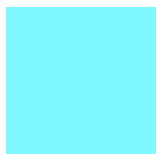
77.0999, 0.2759, 0.3052



Tritanomaly

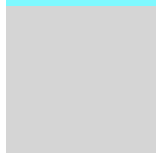
78.8899, 0.2564, 0.3165

Monochromacy



Original Color

79.4070, 0.2454, 0.3219



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

69.8179, 0.2819, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.4070, 0.2454, 0.3219 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(126, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(126, 249, 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(126, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 249, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.4070, 0.2454, 0.3219 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(126, 249, 255) }
```

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

```
.border{ border-color:rgb(126, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(126, 249,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.4070, 0.2454, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 249, 255) }
```

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

```
.background{ background-color: rgb(126,  
249, 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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