

Converting Colors

$Y_{xy}(79.4182, 0.2456, 0.3461)$

Have a look what the booklet for
Yxy(79.4182, 0.2456, 0.3461)
contains.

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Color

Yxy(79.4256, 0.2454, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	68FDEF
RGB	104, 253, 239
RGB Percent	41%, 99%, 94%
CMY	0.5923, 0.0078, 0.0626
CMYK	0.59, 0.00, 0.06, 0.01
HSL	174°, 97%, 70%
HSV	174°, 59%, 99%
XYZ	56.4140, 79.4256, 94.0463
YIQ	206.8530, -84.3100, -35.9420

Conversions

Conversions Part 2

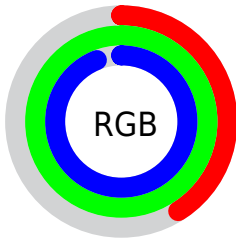
Format	Color
RYB	104, 182, 253
Decimal	6880751
CIELab	91.43, -42.85, -5.25
CIELCh	91, 43.169, 186.986
Yxy	79.4256, 0.2454, 0.3455
Android (android.graphics.Color)	4285070831 (0xFF68FDEF)
YUV	206.8530, 15.8485, -90.2021
Hunter-Lab	89.1210, -42.9705, -0.1820

Details

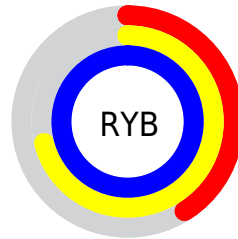
The Yxy color **79.4256, 0.2454, 0.3455** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **32.0816, 0.4798, 0.3159**, and the grayscale version is **62.2296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0648, 0.2642, 0.3289**, and **42.9504, 0.2309, 0.3494** is the 20% darker color. If you saturate the color by 10%, you get **77.9965, 0.2395, 0.3487**, and if you desaturate by 10%, it is **81.3166, 0.2533, 0.3423**.

Distribution



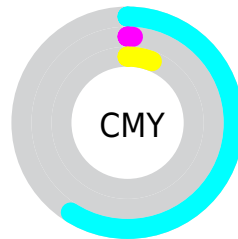
- Red (41%)
- Green (99%)
- Blue (94%)



- Red (41%)
- Yellow (71%)
- Blue (99%)



- Cyan (59%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)




- Cyan (59%)
- Magenta (1%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.4256, 0.2454, 0.3455 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 79.4256, 0.2454, 0.3455 by changing the saturation by 10% instead.


 79.4256, 0.2454,
0.3455


 79.4256, 0.2454,
0.3455


492.9950, 0.2756,
0.3385


 59.2458, 0.2388,
0.3469


 132.5579, 0.2557,
0.3432

 42.8110, 0.2307,
0.3486


 166.2791, 0.2597,
0.3423

 29.7369, 0.2207,
0.3507


 205.2829, 0.2632,
0.3415

 19.6389, 0.2080,
0.3531

249.9538, 0.2663,
0.3407

 12.1329, 0.1913,
0.3560

300.6760, 0.2690,
0.3401

 6.8342, 0.1687,
0.3595


357.8340, 0.2714,


 3.3586, 0.1367,


0.3395


0.3632


421.8122, 0.2736,
0.3390


 1.3217, 0.0453,
0.3829


 0.1579, 0.0000,
0.2266


 79.4256, 0.2454,
0.3455


 79.4256, 0.2454,
0.3455


 77.9965, 0.2395,
0.3487


 81.3166, 0.2533,
0.3423

 76.9781, 0.2355,
0.3520

 83.6971, 0.2629,
0.3393

 76.3236, 0.2335,
0.3552

 86.6033, 0.2741,
0.3363

 75.9599, 0.2330,
0.3584

 90.0654, 0.2866,
0.3336

■ 75.9277, 0.2330,
0.3588

■ 94.1113, 0.3001,
0.3311

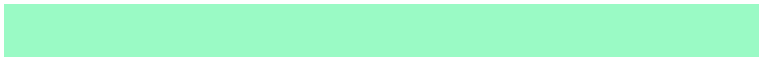
■ 98.6227, 0.3138,
0.3288

■ 98.7340, 0.3128,
0.3271

Harmonies

Analogous

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



79.4256, 0.2855, 0.3931



79.4256, 0.2454, 0.3455



79.4256, 0.2238, 0.2969

Triad

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



79.4256, 0.2454, 0.3455



79.4256, 0.2844, 0.2540



79.4256, 0.4092, 0.3867

Complementary

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



79.4256, 0.2454, 0.3455



32.0816, 0.4798, 0.3159

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.



79.4256, 0.4107, 0.3483



79.4256, 0.2454, 0.3455



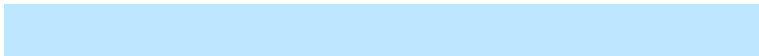
79.4256, 0.3351, 0.2754

Square

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



79.4256, 0.2454, 0.3455



79.4256, 0.2448, 0.2490



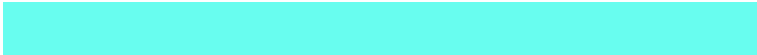
79.4256, 0.3828, 0.3088



79.4256, 0.3806, 0.4144

Rectangle

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



79.4256, 0.2454, 0.3455



79.4256, 0.2213, 0.2723



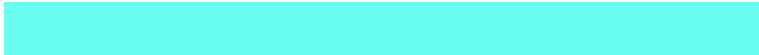
79.4256, 0.3828, 0.3088



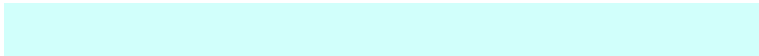
79.4256, 0.4131, 0.3746

Sweetspot

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



79.4287, 0.2454, 0.3455



92.0359, 0.2878, 0.3334



75.1647, 0.3106, 0.5163



19.4637, 0.2840, 0.3341



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.



79.4287, 0.2454, 0.3455



79.1489, 0.2385, 0.3494



48.3433, 0.2230, 0.2532



20.4504, 0.2993, 0.3312



40.4006, 0.2329, 0.3582



3.9419, 0.2318, 0.3546

Inverse Universe

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



32.0816, 0.4798, 0.3159



26.9048, 0.5352, 0.3160



48.2815, 0.4535, 0.3896



18.0147, 0.3280, 0.3268



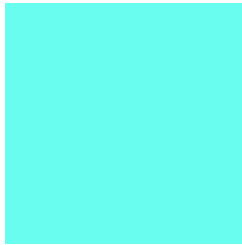
11.1522, 0.6298, 0.3243



1.0947, 0.6095, 0.3131

Previews

White Background



This preview shows how the Yxy color 79.4256, 0.2454, 0.3455 looks on a white background.

Color Contrast Check

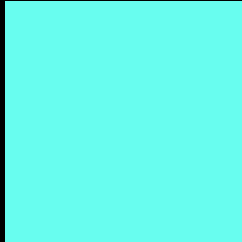
Large Text (above 18pt) WCAG AA × Fail

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 79.4256, 0.2454, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

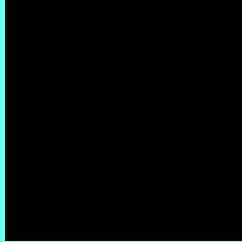
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.4256, 0.2454, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 79.4256, 0.2454, 0.3455.

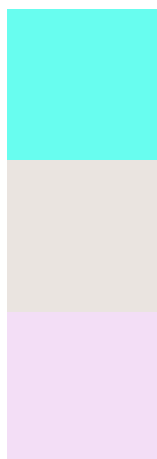


This preview shows how white text looks on a background with the Yxy color 79.4256, 0.2454, 0.3455.

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

79.4256, 0.2454, 0.3455

Protanopia

78.3610, 0.3195, 0.3332

Deuteranopia

77.9511, 0.3118, 0.3049



Tritanopia

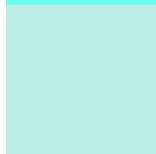
79.0491, 0.2623, 0.3144

Trichromacy



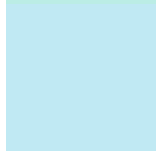
Original Color

79.4256, 0.2454, 0.3455



Protanomaly

76.7903, 0.2857, 0.3379



Deuteranomaly

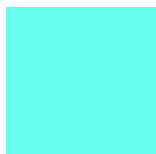
75.9554, 0.2806, 0.3179



Tritanomaly

78.7708, 0.2550, 0.3254

Monochromacy



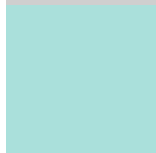
Original Color

79.4256, 0.2454, 0.3455



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

66.9718, 0.2801, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.4256, 0.2454, 0.3455 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(104, 253, 239)` looks like.

```
.text, #text, p{  
    color:rgb(104, 253, 239)  
}
```

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(104, 253, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 253, 239) }
```

Border

The CSS property to change the border of an element to Yxy 79.4256, 0.2454, 0.3455 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(104, 253, 239) }
```

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

```
.border{ border-color:rgb(104, 253, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 253, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 253, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 253, 239);  
box-shadow:4px 4px 4px 4px rgb(104, 253,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 79.4256, 0.2454, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 253, 239) }
```

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

```
.background{ background-color: rgb(104,  
253, 239) }
```

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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