

Converting Colors

$Yxy(79.1698, 0.2476, 0.3205)$

Have a look what the booklet for
Yxy(79.1698, 0.2476, 0.3205)
contains.

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Color

Yxy(79.3413, 0.2478, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	85F8FF
RGB	133, 248, 255
RGB Percent	52%, 97%, 100%
CMY	0.4785, 0.0274, 0.0000
CMYK	0.48, 0.03, 0.00, 0.00
HSL	183°, 100%, 76%
HSV	183°, 48%, 100%
XYZ	61.2867, 79.3413, 106.6953
YIQ	214.4130, -70.7870, -22.2030

Conversions

Conversions Part 2

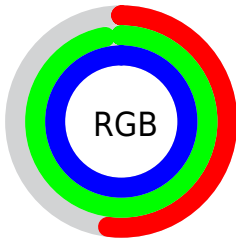
Format	Color
R_{YB}	133, 192, 255
Decimal	8780031
CIE Lab	91.39, -30.92, -13.50
CIE LCh	91, 33.737, 203.585
Yxy	79.3413, 0.2478, 0.3208
Android (android.graphics.Color)	4286970111 (0xFF85F8FF)
YUV	214.4130, 20.0094, -71.3992
Hunter-Lab	89.0737, -33.0631, -8.6678

Details

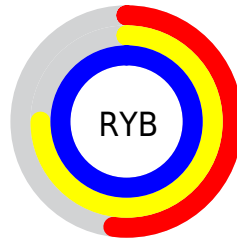
The Yxy color **79.3413, 0.2478, 0.3208** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **41.6980, 0.4427, 0.3366**, and the grayscale version is **67.4328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0775, 0.2768, 0.3289**, and **42.6409, 0.2340, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **76.6199, 0.2384, 0.3189**, and if you desaturate by 10%, it is **82.5788, 0.2589, 0.3227**.

Distribution



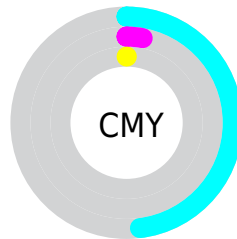
- Red (52%)
- Green (97%)
- Blue (100%)



- Red (52%)
- Yellow (75%)
- Blue (100%)



- Cyan (48%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (48%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.3413, 0.2478, 0.3208 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 79.3413, 0.2478, 0.3208 by changing the saturation by 10% instead.


 79.3413, 0.2478,
0.3208


 79.3413, 0.2478,
0.3208


492.7102, 0.2767,
0.3253

 59.1765, 0.2415,
0.3196

 132.4392, 0.2576,
0.3225

 42.7552, 0.2338,
0.3181


 166.1411, 0.2615,
0.3231

 29.6931, 0.2244,
0.3161


205.1241, 0.2648,
0.3236

 19.6057, 0.2124,
0.3133

249.7727, 0.2678,
0.3241

 12.1088, 0.1968,
0.3091

300.4712, 0.2704,
0.3244

 6.8178, 0.1758,
0.3027

357.6040, 0.2727,

 3.3484, 0.1464,

0.3248

0.2917

421.5555, 0.2748,
0.3250

■ 1.3162, 0.0923,
0.2738

■ 0.1537, 0.0000,
0.1208

■ 79.3413, 0.2478,
0.3208

■ 79.3413, 0.2478,
0.3208

■ 76.6199, 0.2384,
0.3189

■ 82.5788, 0.2589,
0.3227

■ 74.3694, 0.2310,
0.3169

■ 86.3576, 0.2716,
0.3245

■ 72.5503, 0.2255,
0.3149

■ 90.7110, 0.2856,
0.3262

■ 71.1127, 0.2219,
0.3130

■ 95.6672, 0.3005,
0.3278

■ 69.9901, 0.2200,
0.3111

100.0000, 0.3127,
0.3290

■ 69.7697, 0.2196,
0.3107

Harmonies

Analogous

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



79.3413, 0.2726, 0.3594



79.3413, 0.2478, 0.3208



79.3413, 0.2396, 0.2879

Triad

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



79.3413, 0.2478, 0.3208



79.3413, 0.3124, 0.2770



79.3413, 0.3787, 0.3888

Complementary

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



79.3413, 0.2478, 0.3208



41.6980, 0.4427, 0.3366

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.



79.3413, 0.3916, 0.3629



79.3413, 0.2478, 0.3208



79.3413, 0.3522, 0.3004

Square

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



79.3413, 0.2478, 0.3208



79.3413, 0.2751, 0.2655



79.3413, 0.3819, 0.3310



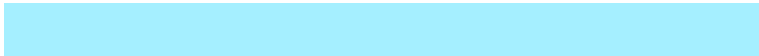
79.3413, 0.3480, 0.4001

Rectangle

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



79.3413, 0.2478, 0.3208



79.3413, 0.2441, 0.2733



79.3413, 0.3819, 0.3310



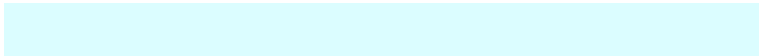
79.3413, 0.3853, 0.3813

Sweetspot

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



79.3440, 0.2478, 0.3208



92.5485, 0.2913, 0.3269



78.3704, 0.3029, 0.4738



19.5866, 0.2881, 0.3265



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.



79.3440, 0.2478, 0.3208



76.8336, 0.2392, 0.3190



48.1211, 0.2339, 0.2464



20.2925, 0.2980, 0.3276



36.5332, 0.2197, 0.3110



3.6093, 0.2203, 0.3132

Inverse Universe

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



44.8050, 0.3242, 0.2182



39.0316, 0.3266, 0.2007



64.3015, 0.4094, 0.3980



18.2813, 0.3147, 0.3069



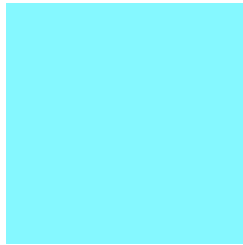
14.4160, 0.3359, 0.1624



1.4089, 0.3340, 0.1614

Previews

White Background



This preview shows how the Yxy color 79.3413, 0.2478, 0.3208 looks on a white background.

Color Contrast Check

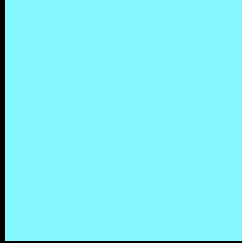
Large Text (above 18pt) WCAG AA × Fail

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 79.3413, 0.2478, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

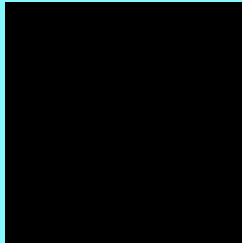
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.3413, 0.2478, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 79.3413, 0.2478, 0.3208.

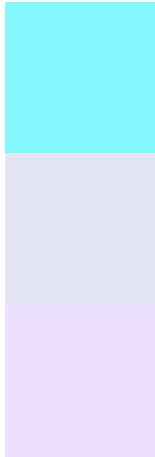


This preview shows how white text looks on a background with the Yxy color 79.3413, 0.2478, 0.3208.

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

79.3413, 0.2478, 0.3208

Protanopia

78.5556, 0.3046, 0.3145

Deuteranopia

78.1935, 0.3006, 0.2977



Tritanopia

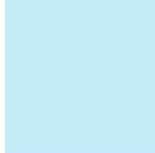
79.0148, 0.2647, 0.3134

Trichromacy



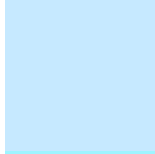
Original Color

79.3413, 0.2478, 0.3208



Protanomaly

77.6014, 0.2798, 0.3158



Deuteranomaly

77.5036, 0.2777, 0.3053



Tritanomaly

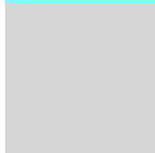
79.1905, 0.2578, 0.3165

Monochromacy



Original Color

79.3413, 0.2478, 0.3208



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

70.3641, 0.2838, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3413, 0.2478, 0.3208 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(133, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(133, 248, 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(133, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 248, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.3413, 0.2478, 0.3208 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(133, 248, 255) }
```

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

```
.border{ border-color:rgb(133, 248, 255) }
```

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

Here you see how a box with a 4 pixel rgb(133, 248, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(133, 248,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3413, 0.2478, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 248, 255) }
```

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

```
.background{ background-color: rgb(133,  
248, 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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