

Converting Colors

$Yxy(79.3143, 0.2661, 0.3859)$

Have a look what the booklet for
Yxy(79.3143, 0.2661, 0.3859)
contains.

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Color

Yxy(79.5996, 0.2664, 0.3865)

Conversions

Conversions Part 1

Format	Color
Hex	7BFECE
RGB	123, 254, 207
RGB Percent	48%, 100%, 81%
CMY	0.5178, 0.0039, 0.1883
CMYK	0.52, 0.00, 0.19, 0.00
HSL	158°, 99%, 74%
HSV	158°, 52%, 100%
XYZ	54.8650, 79.5996, 71.4852
YIQ	209.4730, -62.9890, -42.3890

Conversions

Conversions Part 2

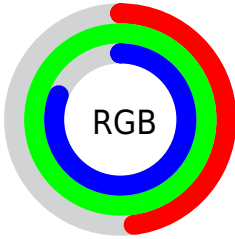
Format	Color
RYB	123, 203, 254
Decimal	8126159
CIELab	91.50, -47.07, 11.53
CIElCh	92, 48.459, 166.239
Yxy	79.5996, 0.2664, 0.3865
Android (android.graphics.Color)	4286316239 (0xFF7BFECF)
YUV	209.4730, -1.2192, -75.8368
Hunter-Lab	89.2186, -46.3639, 14.9477

Details

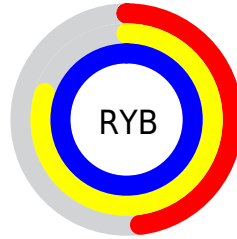
The Yxy color **79.5996, 0.2664, 0.3865** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **38.1310, 0.4065, 0.2807**, and the grayscale version is **64.1182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8073, 0.2716, 0.3289**, and **43.1320, 0.2552, 0.4008** is the 20% darker color. If you saturate the color by 10%, you get **77.5339, 0.2612, 0.4001**, and if you desaturate by 10%, it is **82.1833, 0.2733, 0.3735**.

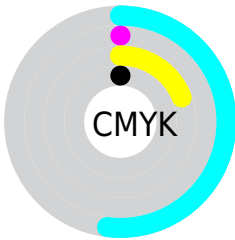
Distribution



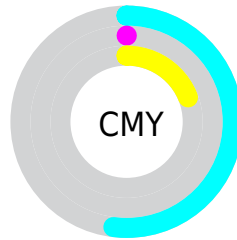
- Red (48%)
- Green (100%)
- Blue (81%)



- Red (48%)
- Yellow (80%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (52%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.5996, 0.2664, 0.3865 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 79.5996, 0.2664, 0.3865 by changing the saturation by 10% instead.

 79.5996, 0.2664,
0.3865


 79.5996, 0.2664,
0.3865


493.5824, 0.2879,
0.3593


 59.3889, 0.2615,
0.3929


 132.8026, 0.2739,
0.3769

 42.9263, 0.2554,
0.4008


 166.5638, 0.2768,
0.3733

 29.8273, 0.2477,
0.4110


 205.6106, 0.2793,
0.3701

 19.7075, 0.2376,
0.4244

250.3273, 0.2815,
0.3674

 12.1826, 0.2239,
0.4431

301.0985, 0.2834,
0.3650

 6.8682, 0.2043,
0.4706


358.3085, 0.2851,


 3.3798, 0.1743,

0.3628

0.5147


422.3417, 0.2866,
0.3610


 1.3331, 0.0312,
0.6748

 0.1666, 0.0000,
1.0000


 79.5996, 0.2664,
0.3865

 79.5996, 0.2664,
0.3865


 77.5339, 0.2612,
0.4001

 82.1833, 0.2733,
0.3735

 75.9377, 0.2579,
0.4141


 85.3100, 0.2815,
0.3613


 74.7696, 0.2566,
0.4282

 89.0147, 0.2907,
0.3500

 73.9759, 0.2574,
0.4421

 93.3265, 0.3007,
0.3397

 73.5298, 0.2593,
0.4535

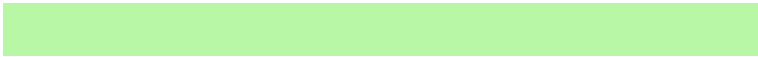
 98.2725, 0.3110,
0.3304

99.3712, 0.3128,
0.3281

Harmonies

Analogous

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



79.5996, 0.3196, 0.4256



79.5996, 0.2664, 0.3865



79.5996, 0.2278, 0.3292

Triad

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



79.5996, 0.2664, 0.3865



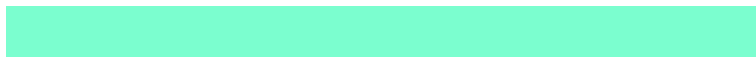
79.5996, 0.2486, 0.2399



79.5996, 0.4257, 0.3632

Complementary

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



79.5996, 0.2664, 0.3865



38.1310, 0.4065, 0.2807

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.



79.5996, 0.4042, 0.3191



79.5996, 0.2664, 0.3865



79.5996, 0.2975, 0.2516

Square

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



79.5996, 0.2664, 0.3865



79.5996, 0.2188, 0.2483



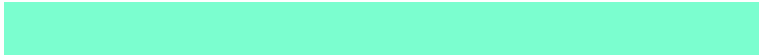
79.5996, 0.3554, 0.2797



79.5996, 0.4134, 0.4040

Rectangle

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



79.5996, 0.2664, 0.3865



79.5996, 0.2143, 0.2937



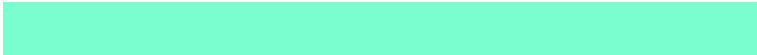
79.5996, 0.3554, 0.2797



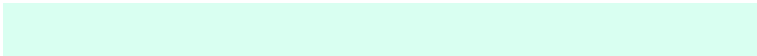
79.5996, 0.4223, 0.3485

Sweetspot

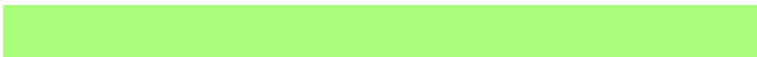
The Sweet Spot groups the original color and five complimentary colors.



79.6028, 0.2664, 0.3865



92.6005, 0.2972, 0.3431



80.9795, 0.3318, 0.4814



19.6225, 0.2951, 0.3453



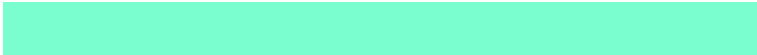
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



79.6028, 0.2664, 0.3865



78.1448, 0.2610, 0.4007



71.6657, 0.2417, 0.3082



20.3643, 0.3028, 0.3377



38.7909, 0.2587, 0.4513



3.7978, 0.2544, 0.4357

Inverse Universe

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



38.1310, 0.4065, 0.2807



32.1123, 0.4373, 0.2737



41.3849, 0.4523, 0.3473



18.0948, 0.3238, 0.3205



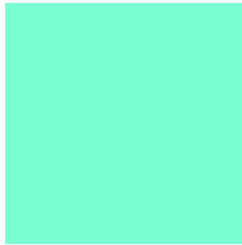
11.5341, 0.5548, 0.2830



1.1430, 0.5235, 0.2658

Previews

White Background



This preview shows how the Yxy color 79.5996, 0.2664, 0.3865 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 79.5996, 0.2664, 0.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

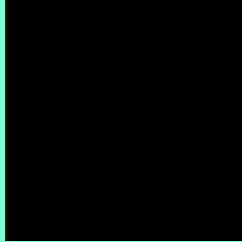
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.5996, 0.2664, 0.3865

Background



This preview shows how black text looks on a background with the Yxy color 79.5996, 0.2664, 0.3865.

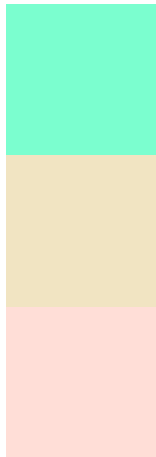


This preview shows how white text looks on a background with the Yxy color 79.5996, 0.2664, 0.3865.

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

79.5996, 0.2664, 0.3865

Protanopia

78.0826, 0.3446, 0.3648

Deuteranopia

78.4088, 0.3414, 0.3361



Tritanopia

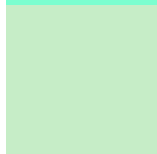
79.1293, 0.2653, 0.3135

Trichromacy



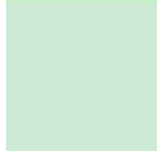
Original Color

79.5996, 0.2664, 0.3865



Protanomaly

76.6977, 0.3100, 0.3722



Deuteranomaly

76.8645, 0.3082, 0.3534



Tritanomaly

79.0531, 0.2647, 0.3381

Monochromacy



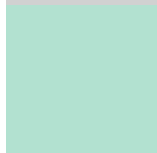
Original Color

79.5996, 0.2664, 0.3865



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

67.8695, 0.2916, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5996, 0.2664, 0.3865 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(123, 254, 207)` looks like.

```
.text, #text, p{  
    color:rgb(123, 254, 207)  
}
```

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(123, 254, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 254, 207) }
```

Border

The CSS property to change the border of an element to Yxy 79.5996, 0.2664, 0.3865 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(123, 254, 207) }
```

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

```
.border{ border-color:rgb(123, 254, 207) }
```

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

Here you see how a box with a 4 pixel rgb(123, 254, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 254, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 254, 207);  
box-shadow:4px 4px 4px 4px rgb(123, 254,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5996, 0.2664, 0.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 254, 207) }
```

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

```
.background{ background-color: rgb(123,  
254, 207) }
```

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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