

Converting Colors

$Yxy(79.0538, 0.2570, 0.3833)$

Have a look what the booklet for
Yxy(79.0538, 0.2570, 0.3833)
contains.

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Color

Yxy(79.0479, 0.2571, 0.3835)

Conversions

Conversions Part 1

Format	Color
Hex	66FFD3
RGB	102, 255, 211
RGB Percent	40%, 100%, 83%
CMY	0.6000, 0.0000, 0.1726
CMYK	0.60, 0.00, 0.17, 0.00
HSL	163°, 100%, 70%
HSV	163°, 60%, 100%
XYZ	52.9940, 79.0479, 74.0804
YIQ	204.2370, -77.0640, -46.1200

Conversions

Conversions Part 2

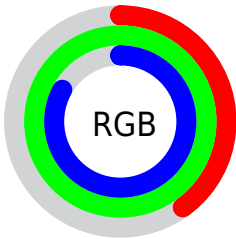
Format	Color
RYB	102, 191, 255
Decimal	6750163
CIELab	91.26, -50.78, 9.02
CIElCh	91, 51.577, 169.929
Yxy	79.0479, 0.2571, 0.3835
Android (android.graphics.Color)	4284940243 (0xFF66FFD3)
YUV	204.2370, 3.3342, -89.6618
Hunter-Lab	88.9089, -49.1958, 12.8348

Details

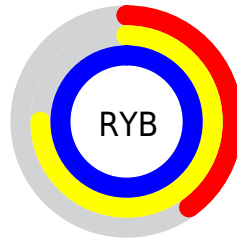
The Yxy color **79.0479, 0.2571, 0.3835** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **32.8359, 0.4456, 0.2859**, and the grayscale version is **60.5521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7393, 0.2628, 0.3289**, and **42.3780, 0.2442, 0.3972** is the 20% darker color. If you saturate the color by 10%, you get **77.4193, 0.2529, 0.3944**, and if you desaturate by 10%, it is **81.1483, 0.2632, 0.3729**.

Distribution



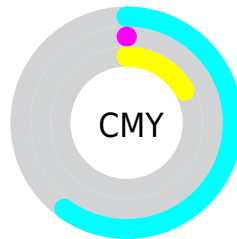
- Red (40%)
- Green (100%)
- Blue (83%)



- Red (40%)
- Yellow (75%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (60%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0479, 0.2571, 0.3835 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 79.0479, 0.2571, 0.3835 by changing the saturation by 10% instead.


 79.0479, 0.2571,
0.3835

 79.0479, 0.2571,
0.3835

491.7184, 0.2827,
0.3578


 58.9352, 0.2513,
0.3895

 132.0263, 0.2660,
0.3745

 42.5610, 0.2441,
0.3969


 165.6608, 0.2694,
0.3710

 29.5408, 0.2351,
0.4064


 204.5713, 0.2724,
0.3681

 19.4903, 0.2234,
0.4189

249.1422, 0.2750,
0.3655

 12.0251, 0.2077,
0.4361

299.7580, 0.2773,
0.3632

 6.7608, 0.1855,
0.4613


356.8031, 0.2793,


 3.3129, 0.1523,


0.3612


0.5011


420.6617, 0.2811,
0.3594


 1.2972, 0.0000,
0.6411


 0.1390, 0.0000,
1.0000


 79.0479, 0.2571,
0.3835


 79.0479, 0.2571,
0.3835


 77.4193, 0.2529,
0.3944


 81.1483, 0.2632,
0.3729

 76.2233, 0.2507,
0.4055


 83.7632, 0.2710,
0.3628

 75.4060, 0.2505,
0.4165

 86.9255, 0.2801,
0.3532

 74.8827, 0.2520,
0.4273

 90.6663, 0.2903,
0.3444

 95.0147, 0.3013,
0.3363

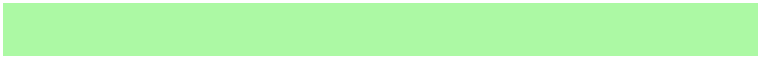
99.9975, 0.3127,
0.3290

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



79.0479, 0.3123, 0.4294



79.0479, 0.2571, 0.3835



79.0479, 0.2191, 0.3214

Triad

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



79.0479, 0.2571, 0.3835



79.0479, 0.2500, 0.2352



79.0479, 0.4334, 0.3703

Complementary

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



79.0479, 0.2571, 0.3835



32.8359, 0.4456, 0.2859

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.



79.0479, 0.4150, 0.3237



79.0479, 0.2571, 0.3835



79.0479, 0.3037, 0.2499

Square

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



79.0479, 0.2571, 0.3835



79.0479, 0.2159, 0.2409



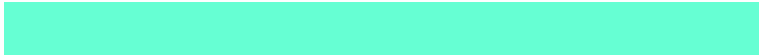
79.0479, 0.3655, 0.2813



79.0479, 0.4157, 0.4127

Rectangle

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



79.0479, 0.2571, 0.3835



79.0479, 0.2070, 0.2848



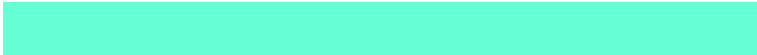
79.0479, 0.3655, 0.2813



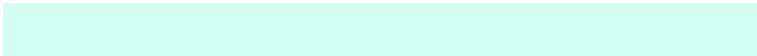
79.0479, 0.4314, 0.3548

Sweetspot

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



79.0464, 0.2571, 0.3835



91.4885, 0.2925, 0.3427



78.7649, 0.3265, 0.5107



19.3286, 0.2894, 0.3452



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.



79.0464, 0.2571, 0.3835



77.1478, 0.2523, 0.3966



63.5694, 0.2306, 0.2915



20.3871, 0.3019, 0.3359



39.1550, 0.2515, 0.4255



3.8313, 0.2481, 0.4131

Inverse Universe

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



32.8359, 0.4456, 0.2859



27.2782, 0.4895, 0.2831



38.8822, 0.4804, 0.3594



18.0730, 0.3249, 0.3222



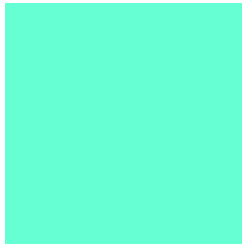
11.3848, 0.5812, 0.2975



1.1264, 0.5492, 0.2799

Previews

White Background



This preview shows how the Yxy color 79.0479, 0.2571, 0.3835 looks on a white background.

Color Contrast Check

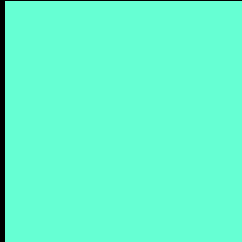
Large Text (above 18pt) WCAG AA × Fail

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 79.0479, 0.2571, 0.3835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

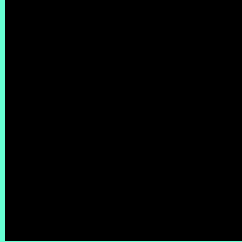
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.0479, 0.2571, 0.3835

Background



This preview shows how black text looks on a background with the Yxy color 79.0479, 0.2571, 0.3835.



This preview shows how white text looks on a background with the Yxy color 79.0479, 0.2571, 0.3835.

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

79.0479, 0.2571, 0.3835

Protanopia

77.3201, 0.3412, 0.3607

Deuteranopia

77.3192, 0.3388, 0.3311



Tritanopia

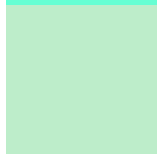
78.3461, 0.2617, 0.3133

Trichromacy



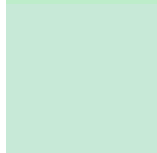
Original Color

79.0479, 0.2571, 0.3835



Protanomaly

75.6515, 0.3024, 0.3694



Deuteranomaly

75.3262, 0.3012, 0.3492



Tritanomaly

77.9832, 0.2587, 0.3370

Monochromacy



Original Color

79.0479, 0.2571, 0.3835



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

65.4958, 0.2851, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0479, 0.2571, 0.3835 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(102, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 211)  
}
```

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(102, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 211) }
```

Border

The CSS property to change the border of an element to Yxy 79.0479, 0.2571, 0.3835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

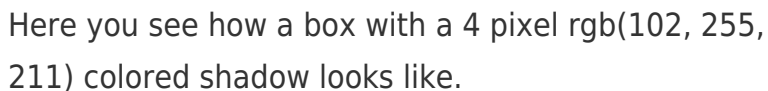
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(102, 255, 211) }
```

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

```
.border{ border-color:rgb(102, 255, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(102, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0479, 0.2571, 0.3835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 255, 211) }
```

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

```
.background{ background-color: rgb(102,  
255, 211) }
```

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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