

Converting Colors

$Yxy(79.0548, 0.2715, 0.4090)$

Have a look what the booklet for
Yxy(79.0548, 0.2715, 0.4090)
contains.

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Color

Yxy(79.0635, 0.2715, 0.4089)

Conversions

Conversions Part 1

Format	Color
Hex	75FFBF
RGB	117, 255, 191
RGB Percent	46%, 100%, 75%
CMY	0.5414, 0.0000, 0.2509
CMYK	0.54, 0.00, 0.25, 0.00
HSL	152°, 100%, 73%
HSV	152°, 54%, 100%
XYZ	52.4963, 79.0635, 61.7968
YIQ	206.4420, -61.7040, -49.1600

Conversions

Conversions Part 2

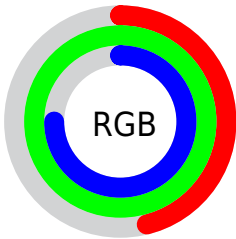
Format	Color
RYB	117, 207, 255
Decimal	7733183
CIELab	91.26, -52.10, 19.35
CIELCh	91, 55.581, 159.630
Yxy	79.0635, 0.2715, 0.4089
Android (android.graphics.Color)	4285923263 (0xFF75FFBF)
YUV	206.4420, -7.6129, -78.4406
Hunter-Lab	88.9177, -50.2209, 21.0365

Details

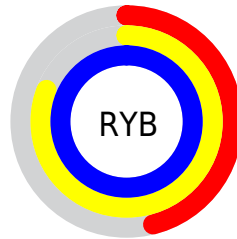
The Yxy color **79.0635, 0.2715, 0.4089** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **37.3030, 0.3962, 0.2643**, and the grayscale version is **62.0892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5825, 0.2724, 0.3376**, and **42.3916, 0.2611, 0.4298** is the 20% darker color. If you saturate the color by 10%, you get **77.0299, 0.2676, 0.4270**, and if you desaturate by 10%, it is **81.6145, 0.2770, 0.3915**.

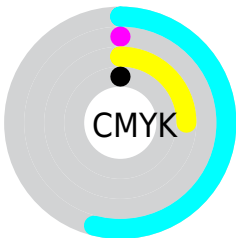
Distribution



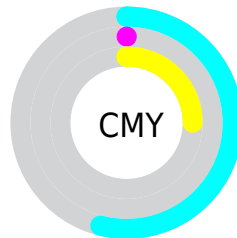
- Red (46%)
- Green (100%)
- Blue (75%)



- Red (46%)
- Yellow (81%)
- Blue (100%)



- Cyan (54%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (54%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0635, 0.2715, 0.4089 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 79.0635, 0.2715, 0.4089 by changing the saturation by 10% instead.


 79.0635, 0.2715,
0.4089

 79.0635, 0.2715,
0.4089


491.7711, 0.2912,
0.3704


 58.9480, 0.2668,
0.4180

 132.0483, 0.2785,
0.3953

 42.5713, 0.2610,
0.4295


 165.6863, 0.2811,
0.3900

 29.5489, 0.2535,
0.4443


 204.6007, 0.2834,
0.3856

 19.4964, 0.2435,
0.4642

249.1758, 0.2854,
0.3817

 12.0295, 0.2296,
0.4920

299.7960, 0.2871,
0.3784

 6.7638, 0.2090,
0.5334


356.8457, 0.2887,


 3.3148, 0.1761,


0.3754


0.6007


420.7093, 0.2900,
0.3728


 1.2982, 0.0000,
0.9961


 0.1398, 0.0000,
1.0000

 79.0635, 0.2715,
0.4089


 79.0635, 0.2715,
0.4089


 77.0299, 0.2676,
0.4270

 81.6145, 0.2770,
0.3915


 75.4808, 0.2657,
0.4455


 84.7276, 0.2839,
0.3751

 74.3660, 0.2658,
0.4638

 88.4333, 0.2917,
0.3600

 73.6273, 0.2679,
0.4814

 92.7619, 0.3002,
0.3462

 73.3213, 0.2698,
0.4914

 97.7420, 0.3090,
0.3337

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.



79.0635, 0.3336, 0.4459



79.0635, 0.2715, 0.4089



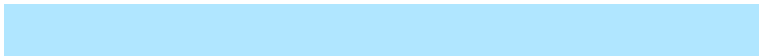
79.0635, 0.2235, 0.3434

Triad

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



79.0635, 0.2715, 0.4089



79.0635, 0.2303, 0.2283



79.0635, 0.4404, 0.3553

Complementary

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



79.0635, 0.2715, 0.4089



37.3030, 0.3962, 0.2643

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.



79.0635, 0.4076, 0.3065



79.0635, 0.2715, 0.4089



79.0635, 0.2811, 0.2370

Square

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



79.0635, 0.2715, 0.4089



79.0635, 0.2025, 0.2422



79.0635, 0.3467, 0.2648



79.0635, 0.4337, 0.4035

Rectangle

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



79.0635, 0.2715, 0.4089



79.0635, 0.2048, 0.3001



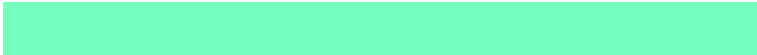
79.0635, 0.3467, 0.2648



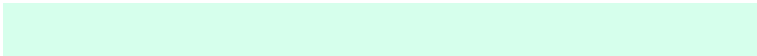
79.0635, 0.4337, 0.3387

Sweetspot

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



79.0608, 0.2715, 0.4089



91.9078, 0.2985, 0.3486



82.6718, 0.3408, 0.4849



19.4754, 0.2968, 0.3514



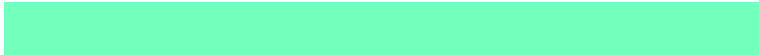
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



79.0608, 0.2715, 0.4089



76.8782, 0.2674, 0.4286



79.6171, 0.2425, 0.3235



20.3312, 0.3042, 0.3402



38.3424, 0.2691, 0.4886



3.7554, 0.2636, 0.4689

Inverse Universe

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



37.3030, 0.3962, 0.2643



31.2018, 0.4228, 0.2551



36.3514, 0.4719, 0.3340



18.1272, 0.3221, 0.3180



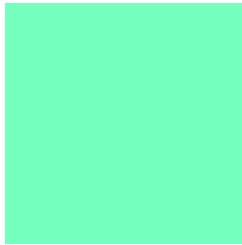
11.8238, 0.5120, 0.2594



1.1730, 0.4846, 0.2443

Previews

White Background



This preview shows how the Yxy color 79.0635, 0.2715, 0.4089 looks on a white background.

Color Contrast Check

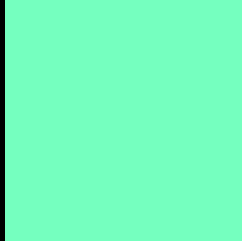
Large Text (above 18pt) WCAG AA × Fail

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 79.0635, 0.2715, 0.4089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

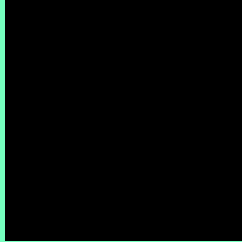
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.0635, 0.2715, 0.4089

Background



This preview shows how black text looks on a background with the Yxy color 79.0635, 0.2715, 0.4089.

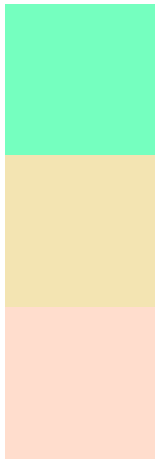


This preview shows how white text looks on a background with the Yxy color 79.0635, 0.2715, 0.4089.

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

79.0635, 0.2715, 0.4089

Protanopia

77.7558, 0.3569, 0.3815

Deuteranopia

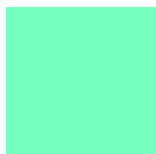
77.3807, 0.3486, 0.3453



Tritanopia

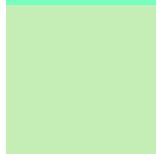
78.1981, 0.2636, 0.3123

Trichromacy



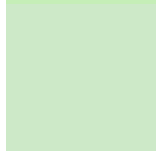
Original Color

79.0635, 0.2715, 0.4089



Protanomaly

76.4383, 0.3189, 0.3923



Deuteranomaly

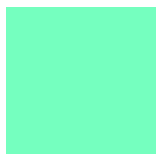
75.4271, 0.3143, 0.3662



Tritanomaly

77.7103, 0.2655, 0.3440

Monochromacy



Original Color

79.0635, 0.2715, 0.4089



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

66.5270, 0.2932, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0635, 0.2715, 0.4089 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(117, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(117, 255, 191)  
}
```

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(117, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 255, 191) }
```

Border

The CSS property to change the border of an element to Yxy 79.0635, 0.2715, 0.4089 is called "border". The border property can be set on classes, ids or directly on the HTML element.

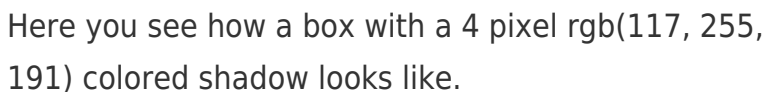
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 255, 191) }
```

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

```
.border{ border-color:rgb(117, 255, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 255, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 255, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 255, 191); box-shadow:4px 4px 4px 4px rgb(117, 255, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0635, 0.2715, 0.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 255, 191) }
```

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

```
.background{ background-color: rgb(117,  
255, 191) }
```

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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