

Converting Colors

$Yxy(79.3904, 0.2633, 0.3908)$

Have a look what the booklet for
Yxy(79.3904, 0.2633, 0.3908)
contains.

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Color

Yxy(79.3725, 0.2632, 0.3908)

Conversions

Conversions Part 1

Format	Color
Hex	70FFCD
RGB	112, 255, 205
RGB Percent	44%, 100%, 80%
CMY	0.5611, 0.0000, 0.1960
CMYK	0.56, 0.00, 0.20, 0.00
HSL	159°, 100%, 72%
HSV	159°, 56%, 100%
XYZ	53.4566, 79.3725, 70.2735
YIQ	206.5430, -69.1780, -45.8660

Conversions

Conversions Part 2

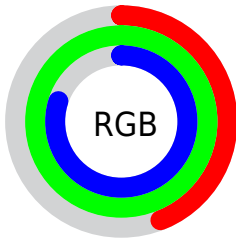
Format	Color
RYB	112, 199, 255
Decimal	7405517
CIELab	91.40, -50.22, 12.34
CIELCh	91, 51.714, 166.197
Yxy	79.3725, 0.2632, 0.3908
Android (android.graphics.Color)	4285595597 (0xFF70FFCD)
YUV	206.5430, -0.7607, -82.9142
Hunter-Lab	89.0912, -48.8060, 15.5970

Details

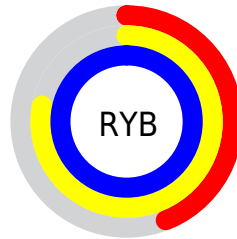
The Yxy color **79.3725, 0.2632, 0.3908** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **35.4385, 0.4211, 0.2787**, and the grayscale version is **62.1131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6242, 0.2666, 0.3289**, and **42.5982, 0.2511, 0.4053** is the 20% darker color. If you saturate the color by 10%, you get **77.5097, 0.2587, 0.4042**, and if you desaturate by 10%, it is **81.7264, 0.2695, 0.3779**.

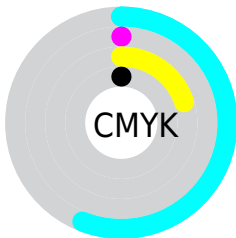
Distribution



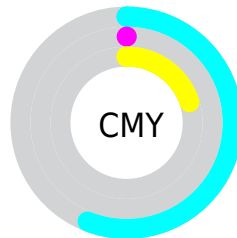
- Red (44%)
- Green (100%)
- Blue (80%)



- Red (44%)
- Yellow (78%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)




- Cyan (56%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.3725, 0.2632, 0.3908 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 79.3725, 0.2632, 0.3908 by changing the saturation by 10% instead.

 79.3725, 0.2632,
0.3908


 79.3725, 0.2632,
0.3908

492.8156, 0.2862,
0.3615


 59.2021, 0.2579,
0.3977


 132.4831, 0.2712,
0.3805

 42.7759, 0.2514,
0.4063


 166.1922, 0.2743,
0.3765

 29.7093, 0.2431,
0.4173


 205.1829, 0.2770,
0.3731

 19.6180, 0.2323,
0.4319

249.8397, 0.2793,
0.3701

 12.1177, 0.2176,
0.4522

300.5470, 0.2814,
0.3676

 6.8239, 0.1966,
0.4821

357.6891, 0.2832,

 3.3522, 0.1645,

0.3653

421.6505, 0.2848,
0.3633

0.5302

1.3183, 0.0000,
0.7203

0.1553, 0.0000,
1.0000

79.3725, 0.2632,
0.3908

79.3725, 0.2632,
0.3908

77.5097, 0.2587,
0.4042

81.7264, 0.2695,
0.3779

76.1066, 0.2562,
0.4178


84.6182, 0.2772,
0.3657


75.1113, 0.2558,
0.4315

88.0780, 0.2861,
0.3543

74.4634, 0.2574,
0.4449

92.1360, 0.2959,
0.3438

 74.2703, 0.2583,
0.4500

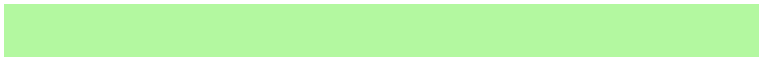
 96.8205, 0.3062,
0.3343

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.



79.3725, 0.3197, 0.4329



79.3725, 0.2632, 0.3908



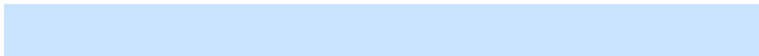
79.3725, 0.2225, 0.3290

Triad

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



79.3725, 0.2632, 0.3908



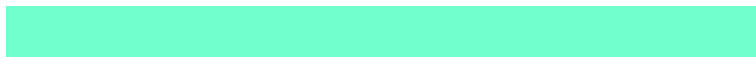
79.3725, 0.2445, 0.2346



79.3725, 0.4333, 0.3646

Complementary

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



79.3725, 0.2632, 0.3908



35.4385, 0.4211, 0.2787

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.



79.3725, 0.4104, 0.3181



79.3725, 0.2632, 0.3908



79.3725, 0.2962, 0.2469

Square

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



79.3725, 0.2632, 0.3908



79.3725, 0.2131, 0.2431



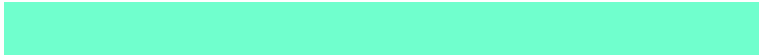
79.3725, 0.3580, 0.2766



79.3725, 0.4198, 0.4082

Rectangle

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



79.3725, 0.2632, 0.3908



79.3725, 0.2083, 0.2909



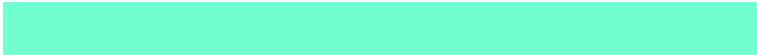
79.3725, 0.3580, 0.2766



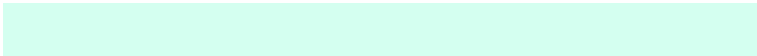
79.3725, 0.4297, 0.3490

Sweetspot

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



79.3691, 0.2632, 0.3908



91.7478, 0.2950, 0.3447



80.3703, 0.3309, 0.4963



19.4551, 0.2930, 0.3467



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

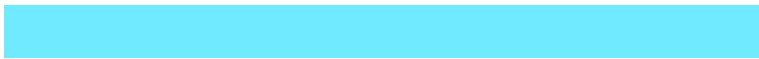
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3691, 0.2632, 0.3908



77.3663, 0.2584, 0.4054



69.2441, 0.2365, 0.3032



20.3673, 0.3027, 0.3374



38.8372, 0.2577, 0.4478



3.8021, 0.2535, 0.4326

Inverse Universe

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



35.4385, 0.4211, 0.2787



29.6324, 0.4557, 0.2731



39.3108, 0.4695, 0.3509



18.0919, 0.3239, 0.3207



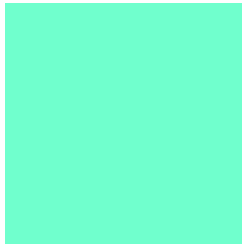
11.5118, 0.5586, 0.2851



1.1406, 0.5270, 0.2677

Previews

White Background



This preview shows how the Yxy color 79.3725, 0.2632, 0.3908 looks on a white background.

Color Contrast Check

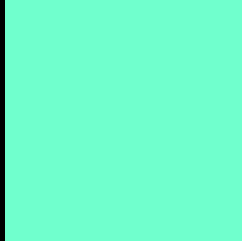
Large Text (above 18pt) WCAG AA × Fail

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 79.3725, 0.2632, 0.3908 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 79.3725, 0.2632, 0.3908

Background



This preview shows how black text looks on a background with the Yxy color 79.3725, 0.2632, 0.3908.

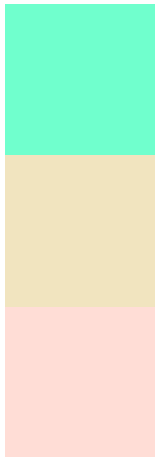


This preview shows how white text looks on a background with the Yxy color 79.3725, 0.2632, 0.3908.

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

79.3725, 0.2632, 0.3908

Protanopia

77.9492, 0.3466, 0.3680

Deuteranopia

77.8279, 0.3422, 0.3362



Tritanopia

78.7885, 0.2637, 0.3134

Trichromacy



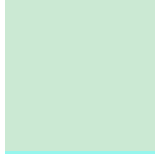
Original Color

79.3725, 0.2632, 0.3908



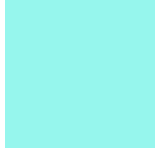
Protanomaly

76.6039, 0.3092, 0.3772



Deuteranomaly

75.6775, 0.3062, 0.3537



Tritanomaly

78.5100, 0.2628, 0.3393

Monochromacy



Original Color

79.3725, 0.2632, 0.3908



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

66.5382, 0.2889, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3725, 0.2632, 0.3908 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(112, 255, 205)` looks like.

```
.text, #text, p{  
    color:rgb(112, 255, 205)  
}
```

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(112, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 255, 205) }
```

Border

The CSS property to change the border of an element to Yxy 79.3725, 0.2632, 0.3908 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(112, 255, 205) }
```

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

```
.border{ border-color:rgb(112, 255, 205) }
```

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

Here you see how a box with a 4 pixel rgb(112, 255, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(112, 255,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3725, 0.2632, 0.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 255, 205) }
```

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

```
.background{ background-color: rgb(112,  
255, 205) }
```

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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