

Converting Colors

$Yxy(79.3942, 0.2843, 0.4273)$

Have a look what the booklet for
Yxy(79.3942, 0.2843, 0.4273)
contains.

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Color

Yxy(79.4004, 0.2842, 0.4273)

Conversions

Conversions Part 1

Format	Color
Hex	82FFB0
RGB	130, 255, 176
RGB Percent	51%, 100%, 69%
CMY	0.4899, 0.0000, 0.3099
CMYK	0.49, 0.00, 0.31, 0.00
HSL	142°, 100%, 76%
HSV	142°, 49%, 100%
XYZ	52.8097, 79.4004, 53.6087
YIQ	208.6190, -49.1410, -51.0690

Conversions

Conversions Part 2

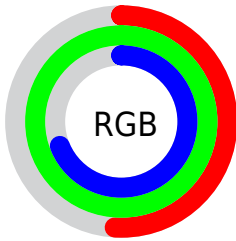
Format	Color
RYB	130, 221, 255
Decimal	8585136
CIELab	91.42, -51.95, 27.27
CIELCh	91, 58.670, 152.300
Yxy	79.4004, 0.2842, 0.4273
Android (android.graphics.Color)	4286775216 (0xFF82FFB0)
YUV	208.6190, -16.0812, -68.9489
Hunter-Lab	89.1069, -50.1480, 26.7046

Details

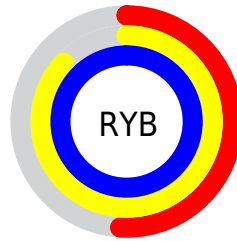
The Yxy color **79.4004, 0.2842, 0.4273** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **41.8529, 0.3619, 0.2493**, and the grayscale version is **63.6428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1650, 0.2863, 0.3540**, and **42.6278, 0.2759, 0.4524** is the 20% darker color. If you saturate the color by 10%, you get **77.0285, 0.2809, 0.4520**, and if you desaturate by 10%, it is **82.3543, 0.2888, 0.4037**.

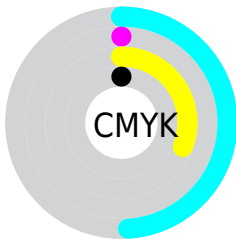
Distribution



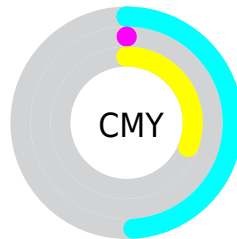
- Red (51%)
- Green (100%)
- Blue (69%)



- Red (51%)
- Yellow (87%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)




- Cyan (49%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.4004, 0.2842, 0.4273 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 79.4004, 0.2842, 0.4273 by changing the saturation by 10% instead.


 79.4004, 0.2842,
0.4273

 79.4004, 0.2842,
0.4273

492.9098, 0.2987,
0.3796


 59.2251, 0.2806,
0.4387


 132.5224, 0.2895,
0.4103

 42.7943, 0.2759,
0.4530


 166.2378, 0.2915,
0.4039

 29.7238, 0.2698,
0.4716


 205.2355, 0.2931,
0.3983

 19.6290, 0.2613,
0.4964

249.8996, 0.2946,
0.3936

 12.1257, 0.2490,
0.5311

300.6148, 0.2958,
0.3894

 6.8293, 0.2297,
0.5826


357.7653, 0.2969,


 3.3556, 0.1978,

0.3857

0.6679


421.7355, 0.2978,
0.3825


 1.3201, 0.0000,
1.0000


 0.1567, 0.0000,
1.0000


 79.4004, 0.2842,
0.4273


 79.4004, 0.2842,
0.4273


 77.0285, 0.2809,
0.4520


 82.3543, 0.2888,
0.4037


 75.1886, 0.2791,
0.4769

 85.9167, 0.2943,
0.3817

 73.8384, 0.2791,
0.5012

 90.1241, 0.3004,
0.3616

 72.9238, 0.2810,
0.5237

 95.0071, 0.3069,
0.3435

■ 72.3668, 0.2845,
0.5436

99.9976, 0.3127,
0.3290

■ 72.3207, 0.2849,
0.5455

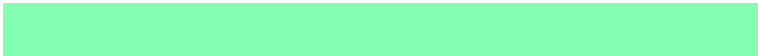
Harmonies

Analogous

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



79.4004, 0.3505, 0.4550



79.4004, 0.2842, 0.4273



79.4004, 0.2291, 0.3618

Triad

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



79.4004, 0.2842, 0.4273



79.4004, 0.2169, 0.2247



79.4004, 0.4426, 0.3432

Complementary

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



79.4004, 0.2842, 0.4273



41.8529, 0.3619, 0.2493

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.



79.4004, 0.3989, 0.2935



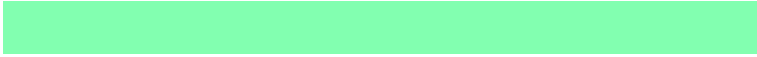
79.4004, 0.2842, 0.4273



79.4004, 0.2644, 0.2285

Square

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



79.4004, 0.2842, 0.4273



79.4004, 0.1943, 0.2452



79.4004, 0.3309, 0.2531



79.4004, 0.4453, 0.3946

Rectangle

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



79.4004, 0.2842, 0.4273



79.4004, 0.2053, 0.3140



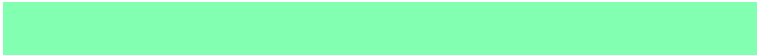
79.4004, 0.3309, 0.2531



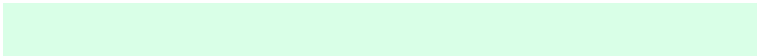
79.4004, 0.4322, 0.3261

Sweetspot

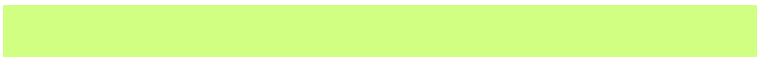
The Sweet Spot groups the original color and five complimentary colors.



79.4037, 0.2842, 0.4273



91.9921, 0.3030, 0.3541



86.7149, 0.3532, 0.4631



19.4762, 0.3016, 0.3580



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.



79.4037, 0.2842, 0.4273



77.0286, 0.2809, 0.4520



82.4627, 0.2553, 0.3482



20.2785, 0.3065, 0.3444



37.8166, 0.2840, 0.5425



3.7023, 0.2777, 0.5197

Inverse Universe

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



41.8529, 0.3619, 0.2493



35.4282, 0.3766, 0.2356



39.3434, 0.4322, 0.3122



18.1805, 0.3195, 0.3141



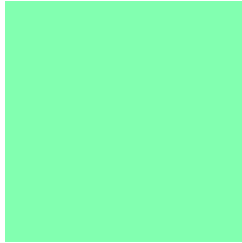
12.4884, 0.4412, 0.2204



1.2370, 0.4238, 0.2108

Previews

White Background



This preview shows how the Yxy color 79.4004, 0.2842, 0.4273 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 79.4004, 0.2842, 0.4273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

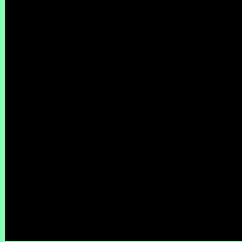
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.4004, 0.2842, 0.4273

Background



This preview shows how black text looks on a background with the Yxy color 79.4004, 0.2842, 0.4273.



This preview shows how white text looks on a background with the Yxy color 79.4004, 0.2842, 0.4273.

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

79.4004, 0.2842, 0.4273

Protanopia

78.3118, 0.3683, 0.3966

Deuteranopia

78.2055, 0.3518, 0.3525



Tritanopia

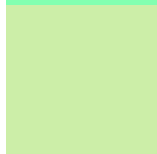
78.7703, 0.2662, 0.3124

Trichromacy



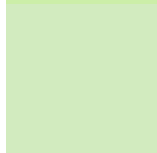
Original Color

79.4004, 0.2842, 0.4273



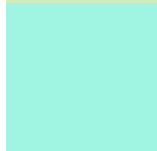
Protanomaly

76.8136, 0.3328, 0.4087



Deuteranomaly

76.8799, 0.3232, 0.3783



Tritanomaly

78.1667, 0.2725, 0.3510

Monochromacy



Original Color

79.4004, 0.2842, 0.4273



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

68.1272, 0.2996, 0.3638

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.4004, 0.2842, 0.4273 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(130, 255, 176)` looks like.

```
.text, #text, p{  
    color:rgb(130, 255, 176)  
}
```

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(130, 255, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 255, 176) }
```

Border

The CSS property to change the border of an element to Yxy 79.4004, 0.2842, 0.4273 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(130, 255, 176) }
```

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

```
.border{ border-color:rgb(130, 255, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 255, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 255, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 255, 176);  
box-shadow:4px 4px 4px 4px rgb(130, 255,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 79.4004, 0.2842, 0.4273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 255, 176) }
```

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

```
.background{ background-color: rgb(130,  
255, 176) }
```

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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