

Converting Colors

$Yxy(79.0744, 0.3053, 0.4686)$

Have a look what the booklet for
Yxy(79.0744, 0.3053, 0.4686)
contains.

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Color

Yxy(79.0484, 0.3051, 0.4687)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8CFF8E |
| RGB | 140, 255, 142 |
| RGB Percent | 55%, 100%, 56% |
| CMY | 0.4511, 0.0000, 0.4430 |
| CMYK | 0.45, 0.00, 0.44, 0.00 |
| HSL | 121°, 100%, 77% |
| HSV | 121°, 45%, 100% |
| XYZ | 51.4565, 79.0484, 38.1497 |
| YIQ | 207.7330, -32.2670, -59.5230 |

Conversions

Conversions Part 2

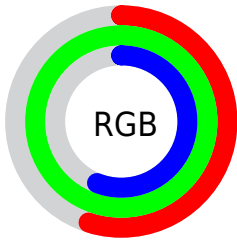
| Format | Color |
|-------------------------------------|--|
| RYB | 140, 253, 255 |
| Decimal | 9240462 |
| CIELab | 91.26, -54.80, 43.93 |
| CIELCh | 91, 70.235, 141.285 |
| Yxy | 79.0484, 0.3051, 0.4687 |
| Android (android.graphics.Color) | 4287430542 (0xFF8CFF8E) |
| YUV | 207.7330, -32.4064, -59.4018 |
| Hunter-Lab | 88.9092, -52.2835, 36.7959 |

Details

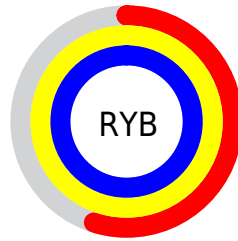
The Yxy color **79.0484, 0.3051, 0.4687** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **47.0973, 0.3196, 0.2203**, and the grayscale version is **63.1212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6933, 0.3109, 0.3929**, and **42.3592, 0.2995, 0.5058** is the 20% darker color. If you saturate the color by 10%, you get **76.4136, 0.3034, 0.5043**, and if you desaturate by 10%, it is **82.3634, 0.3069, 0.4332**.

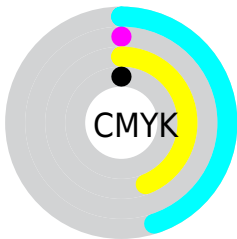
Distribution



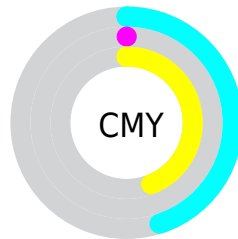
- Red (55%)
- Green (100%)
- Blue (56%)



- Red (55%)
- Yellow (99%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





- Cyan (45%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0484, 0.3051, 0.4687 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 79.0484, 0.3051, 0.4687 by changing the saturation by 10% instead.


 79.0484, 0.3051,
0.4687


 79.0484, 0.3051,
0.4687


491.7201, 0.3116,
0.4004

 58.9356, 0.3028,
0.4850


 132.0270, 0.3080,
0.4444

 42.5613, 0.2994,
0.5053


 165.6616, 0.3090,
0.4351

 29.5410, 0.2945,
0.5314


204.5722, 0.3097,
0.4272

 19.4905, 0.2867,
0.5656

249.1433, 0.3103,
0.4204

 12.0252, 0.2739,
0.6121

299.7593, 0.3107,
0.4144

 6.7609, 0.2518,
0.6783


356.8044, 0.3111,


 3.3130, 0.2136,


0.4092


0.7864

420.6632, 0.3114,
0.4046

 1.2972, 0.0000,
1.0000


 0.1391, 0.0000,
1.0000


 79.0484, 0.3051,
0.4687


 79.0484, 0.3051,
0.4687


 76.4136, 0.3034,
0.5043

 82.3634, 0.3069,
0.4332


 74.4145, 0.3019,
0.5373

 86.4045, 0.3087,
0.3995

 72.9966, 0.3007,
0.5651

 91.2100, 0.3104,
0.3688

 72.0978, 0.3001,
0.5851

 96.8164, 0.3120,
0.3416

■ 71.6415, 0.2999,
0.5965

100.0000, 0.3127,
0.3290

■ 71.5300, 0.2998,
0.5992

Harmonies

Analogous

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



79.0484, 0.3826, 0.4772



79.0484, 0.3051, 0.4687



79.0484, 0.2338, 0.4008

Triad

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



79.0484, 0.3051, 0.4687



79.0484, 0.1878, 0.2119



79.0484, 0.4544, 0.3214

Complementary

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



79.0484, 0.3051, 0.4687



47.0973, 0.3196, 0.2203

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.



79.0484, 0.3873, 0.2678



79.0484, 0.3051, 0.4687



79.0484, 0.2317, 0.2075

Square

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



79.0484, 0.3051, 0.4687



79.0484, 0.1728, 0.2453



79.0484, 0.3027, 0.2276



79.0484, 0.4750, 0.3806

Rectangle

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



79.0484, 0.3051, 0.4687



79.0484, 0.1995, 0.3406



79.0484, 0.3027, 0.2276



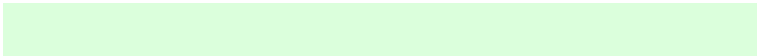
79.0484, 0.4362, 0.3025

Sweetspot

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



79.0474, 0.3051, 0.4687



91.7907, 0.3106, 0.3656



94.3110, 0.3785, 0.4405



19.4067, 0.3103, 0.3719



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.



79.0474, 0.3051, 0.4687



76.6731, 0.3036, 0.5004



81.2358, 0.2775, 0.3960



20.1734, 0.3113, 0.3531



37.3782, 0.2997, 0.5989



3.6412, 0.2990, 0.5963

Inverse Universe

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



47.0973, 0.3196, 0.2203



41.1149, 0.3209, 0.2021



43.9752, 0.3742, 0.2718



18.2944, 0.3141, 0.3060



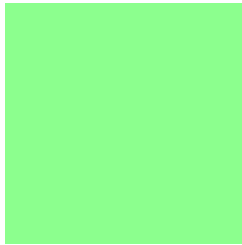
14.7322, 0.3254, 0.1566



1.4361, 0.3249, 0.1563

Previews

White Background



This preview shows how the Yxy color 79.0484, 0.3051, 0.4687 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 79.0484, 0.3051, 0.4687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

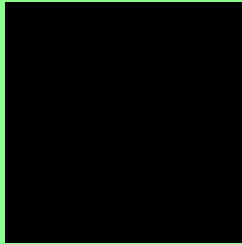
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

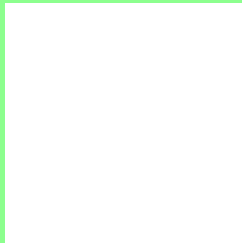
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0484, 0.3051, 0.4687

Background



This preview shows how black text looks on a background with the Yxy color 79.0484, 0.3051, 0.4687.

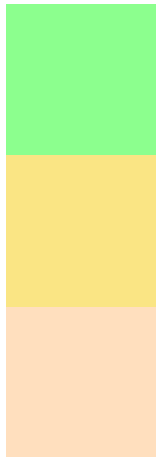


This preview shows how white text looks on a background with the Yxy color 79.0484, 0.3051, 0.4687.

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

79.0484, 0.3051, 0.4687

Protanopia

78.0286, 0.3918, 0.4270

Deuteranopia

77.7531, 0.3589, 0.3627



Tritanopia

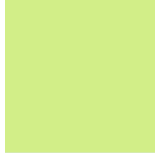
78.5367, 0.2676, 0.3113

Trichromacy



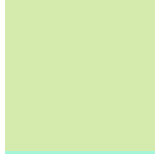
Original Color

79.0484, 0.3051, 0.4687



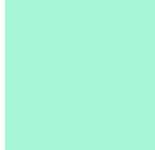
Protanomaly

76.6283, 0.3559, 0.4428



Deuteranomaly

76.5799, 0.3366, 0.3985



Tritanomaly

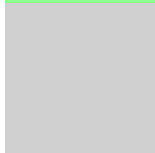
78.1592, 0.2818, 0.3652

Monochromacy



Original Color

79.0484, 0.3051, 0.4687



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

67.3784, 0.3097, 0.3787

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0484, 0.3051, 0.4687 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(140, 255, 142)` looks like.

```
.text, #text, p{  
    color:rgb(140, 255, 142)  
}
```

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(140, 255, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 255, 142) }
```

Border

The CSS property to change the border of an element to Yxy 79.0484, 0.3051, 0.4687 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(140, 255, 142) }
```

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

```
.border{ border-color:rgb(140, 255, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 255, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 255, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 255, 142); box-shadow:4px 4px 4px 4px rgb(140, 255, 142) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0484, 0.3051, 0.4687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 255, 142) }
```

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

```
.background{ background-color: rgb(140,  
255, 142) }
```

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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