

Converting Colors

$Yxy(79.1037, 0.3193, 0.4381)$

Have a look what the booklet for
Yxy(79.1037, 0.3193, 0.4381)
contains.

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Color

Yxy(79.3818, 0.3194, 0.4388)

Conversions

Conversions Part 1

Format	Color
Hex	B0F99C
RGB	176, 249, 156
RGB Percent	69%, 98%, 61%
CMY	0.3098, 0.0235, 0.3881
CMYK	0.29, 0.00, 0.37, 0.02
HSL	107°, 89%, 79%
HSV	107°, 37%, 98%
XYZ	57.7816, 79.3818, 43.7432
YIQ	216.5710, -13.6550, -44.3990

Conversions

Conversions Part 2

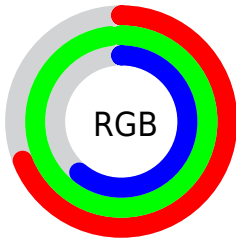
Format	Color
RYB	156, 249, 229
Decimal	11598236
CIELab	91.41, -39.39, 37.61
CIElCh	91, 54.465, 136.329
Yxy	79.3818, 0.3194, 0.4388
Android (android.graphics.Color)	4289788316 (0xFFB0F99C)
YUV	216.5710, -29.8615, -35.5808
Hunter-Lab	89.0965, -40.1566, 33.2582

Details

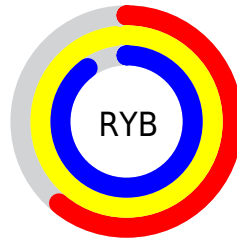
The Yxy color **79.3818, 0.3194, 0.4388** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **47.2941, 0.3004, 0.2317**, and the grayscale version is **69.2966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5468, 0.3244, 0.3741**, and **42.7435, 0.3190, 0.4673** is the 20% darker color. If you saturate the color by 10%, you get **76.5085, 0.3199, 0.4727**, and if you desaturate by 10%, it is **82.7632, 0.3182, 0.4060**.

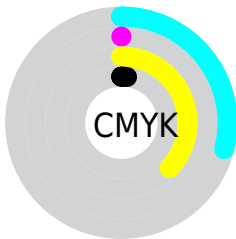
Distribution



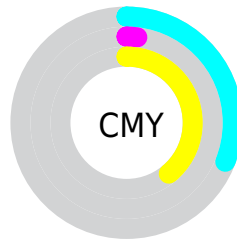
- Red (69%)
- Green (98%)
- Blue (61%)



- Red (61%)
- Yellow (98%)
- Blue (90%)



- Cyan (29%)
- Magenta (0%)
- Yellow (37%)
- Black (2%)





- Cyan (31%)
- Magenta (2%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.3818, 0.3194, 0.4388 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 79.3818, 0.3194, 0.4388 by changing the saturation by 10% instead.


 79.3818, 0.3194,
0.4388


 79.3818, 0.3194,
0.4388


492.8470, 0.3182,
0.3860

 59.2098, 0.3191,
0.4512

 132.4962, 0.3194,
0.4201

 42.7820, 0.3185,
0.4667


 166.2074, 0.3193,
0.4130

 29.7141, 0.3172,
0.4865


205.2004, 0.3191,
0.4069

 19.6217, 0.3147,
0.5126

249.8597, 0.3190,
0.4016

 12.1204, 0.3096,
0.5481

300.5696, 0.3188,
0.3969

 6.8257, 0.2991,
0.5984


357.7145, 0.3186,


 3.3533, 0.2909,


0.3928


0.7091


421.6789, 0.3184,
0.3892


 1.3189, 0.1532,
0.8468


 0.1557, 0.0000,
1.0000


 79.3818, 0.3194,
0.4388


 79.3818, 0.3194,
0.4388


 76.5085, 0.3199,
0.4727

 82.7632, 0.3182,
0.4060

 74.1084, 0.3195,
0.5061

 86.6654, 0.3164,
0.3754

 72.1582, 0.3180,
0.5367

 91.1131, 0.3143,
0.3475

 70.6283, 0.3154,
0.5624

 96.0856, 0.3125,
0.3233

■ 69.4852, 0.3119,
0.5812

■ 96.2346, 0.3130,
0.3233

■ 68.6886, 0.3079,
0.5924

■ 68.5238, 0.3069,
0.5945

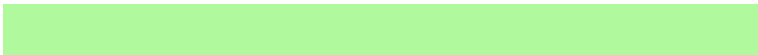
Harmonies

Analogous

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



79.3818, 0.3799, 0.4421



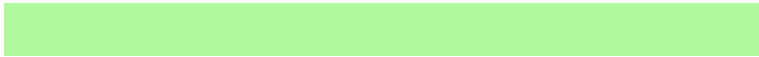
79.3818, 0.3194, 0.4388



79.3818, 0.2602, 0.3941

Triad

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



79.3818, 0.3194, 0.4388



79.3818, 0.2085, 0.2388



79.3818, 0.4158, 0.3174

Complementary

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



79.3818, 0.3194, 0.4388



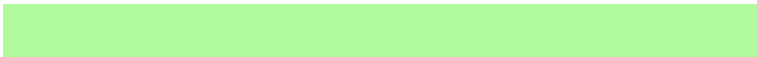
47.2941, 0.3004, 0.2317

Split Complementary

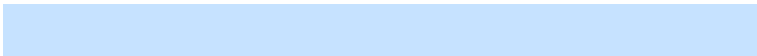
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3818, 0.3606, 0.2742



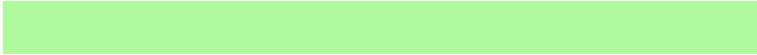
79.3818, 0.3194, 0.4388



79.3818, 0.2413, 0.2302

Square

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



79.3818, 0.3194, 0.4388



79.3818, 0.2004, 0.2718



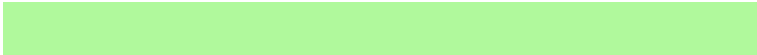
79.3818, 0.2954, 0.2433



79.3818, 0.4396, 0.3659

Rectangle

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



79.3818, 0.3194, 0.4388



79.3818, 0.2294, 0.3505



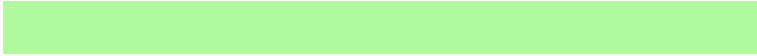
79.3818, 0.2954, 0.2433



79.3818, 0.4000, 0.3021

Sweetspot

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



79.3852, 0.3194, 0.4388



94.3821, 0.3151, 0.3574



78.5041, 0.3759, 0.4040



20.0642, 0.3154, 0.3612



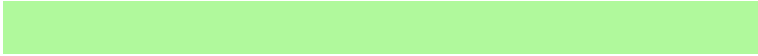
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



79.3852, 0.3194, 0.4388



81.4076, 0.3199, 0.4650



78.2189, 0.2938, 0.4097



19.4887, 0.3148, 0.3533



36.7276, 0.3077, 0.5939



3.4455, 0.3152, 0.5879

Inverse Universe

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



47.2941, 0.3004, 0.2317



42.9331, 0.2968, 0.2116



49.2386, 0.3396, 0.2603



17.3255, 0.3103, 0.3054



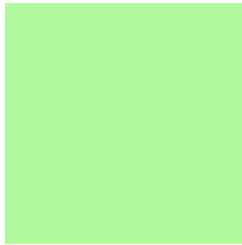
9.9750, 0.2670, 0.1245



0.9690, 0.2738, 0.1282

Previews

White Background



This preview shows how the Yxy color 79.3818, 0.3194, 0.4388 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 79.3818, 0.3194, 0.4388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

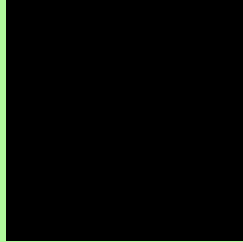
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.3818, 0.3194, 0.4388

Background



This preview shows how black text looks on a background with the Yxy color 79.3818, 0.3194, 0.4388.



This preview shows how white text looks on a background with the Yxy color 79.3818, 0.3194, 0.4388.

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

79.3818, 0.3194, 0.4388

Protanopia

78.3165, 0.3811, 0.4121

Deuteranopia

78.5114, 0.3551, 0.3586



Tritanopia

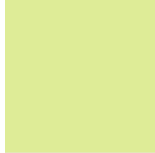
79.2577, 0.2757, 0.3096

Trichromacy



Original Color

79.3818, 0.3194, 0.4388



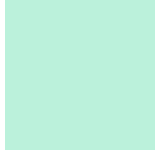
Protanomaly

77.7549, 0.3565, 0.4219



Deuteranomaly

77.7828, 0.3413, 0.3856



Tritanomaly

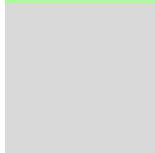
78.5899, 0.2915, 0.3538

Monochromacy



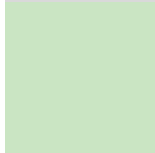
Original Color

79.3818, 0.3194, 0.4388



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

72.5353, 0.3157, 0.3680

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3818, 0.3194, 0.4388 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(176, 249, 156)` looks like.

```
.text, #text, p{  
    color:rgb(176, 249, 156)  
}
```

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(176, 249, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 249, 156) }
```

Border

The CSS property to change the border of an element to Yxy 79.3818, 0.3194, 0.4388 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(176, 249, 156) }
```

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

```
.border{ border-color:rgb(176, 249, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 249, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 249, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 249, 156); box-shadow:4px 4px 4px 4px rgb(176, 249, 156) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3818, 0.3194, 0.4388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 249, 156) }
```

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

```
.background{ background-color: rgb(176,  
249, 156) }
```

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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