

Converting Colors

Yxy(79.3569, 0.3474, 0.4916)

Have a look what the booklet for
Yxy(79.3569, 0.3474, 0.4916)
contains.

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Color

Yxy(79.3569, 0.3474, 0.4916)

Conversions

Conversions Part 1

Format	Color
Hex	B6FA6A
RGB	182, 250, 106
RGB Percent	71%, 98%, 42%
CMY	0.2862, 0.0196, 0.5844
CMYK	0.27, 0.00, 0.58, 0.02
HSL	88°, 94%, 70%
HSV	88°, 58%, 98%
XYZ	56.0793, 79.3569, 25.9895
YIQ	213.2520, 5.6960, -59.2000

Conversions

Conversions Part 2

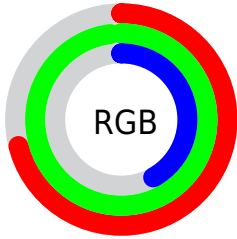
Format	Color
RYB	106, 250, 174
Decimal	11991658
CIELab	91.40, -43.55, 61.10
CIELCh	91, 75.032, 125.478
Yxy	79.3569, 0.3474, 0.4916
Android (android.graphics.Color)	4290181738 (0xFFB6FA6A)
YUV	213.2520, -52.8752, -27.4080
Hunter-Lab	89.0825, -43.5248, 45.0601

Details

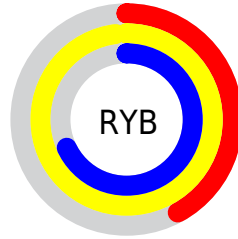
The Yxy color **79.3569, 0.3474, 0.4916** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **26.2004, 0.2499, 0.1643**, and the grayscale version is **67.0768, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7940, 0.3587, 0.4242**, and **42.7302, 0.3486, 0.5300** is the 20% darker color. If you saturate the color by 10%, you get **77.5369, 0.3490, 0.5175**, and if you desaturate by 10%, it is **81.4565, 0.3438, 0.4630**.

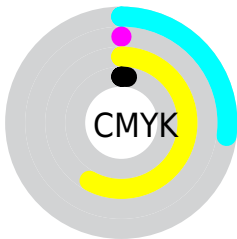
Distribution



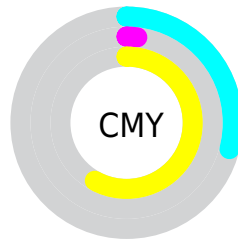
- Red (71%)
- Green (98%)
- Blue (42%)



- Red (42%)
- Yellow (98%)
- Blue (68%)



- Cyan (27%)
- Magenta (0%)
- Yellow (58%)
- Black (2%)





- Cyan (29%)
- Magenta (2%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.3569, 0.3474, 0.4916 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 79.3569, 0.3474, 0.4916 by changing the saturation by 10% instead.


 79.3569, 0.3474,
0.4916


 79.3569, 0.3474,
0.4916


492.7629, 0.3364,
0.4144


 59.1893, 0.3483,
0.5090


 132.4612, 0.3448,
0.4648


 42.7655, 0.3486,
0.5301


 166.1667, 0.3434,
0.4544

 29.7012, 0.3474,
0.5561


 205.1535, 0.3421,
0.4454

 19.6119, 0.3435,
0.5882

 249.8062, 0.3408,
0.4375

 12.1132, 0.3342,
0.6285

300.5091, 0.3396,
0.4307

 6.8208, 0.3165,
0.6835


357.6466, 0.3385,


 3.3503, 0.2698,


0.4246


0.7302


421.6030, 0.3374,
0.4192


 1.3172, 0.0936,
0.9064


 0.1545, 0.0000,
1.0000


 79.3569, 0.3474,
0.4916


 79.3569, 0.3474,
0.4916

 77.5369, 0.3490,
0.5175


 81.4565, 0.3438,
0.4630


 75.9695, 0.3484,
0.5393


 83.8402, 0.3386,
0.4332

 74.6392, 0.3455,
0.5558

 86.5249, 0.3323,
0.4035


 73.5215, 0.3405,
0.5667

 89.5232, 0.3254,
0.3749

 73.2779, 0.3392,
0.5688

 92.8467, 0.3182,
0.3480

 96.4435, 0.3116,
0.3242

 96.8538, 0.3129,
0.3242

Harmonies

Analogous

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



79.3569, 0.4242, 0.4677



79.3569, 0.3474, 0.4916



79.3569, 0.2658, 0.4513

Triad

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



79.3569, 0.3474, 0.4916



79.3569, 0.1690, 0.2192



79.3569, 0.4308, 0.2893

Complementary

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



79.3569, 0.3474, 0.4916



26.2004, 0.2499, 0.1643

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.



79.3569, 0.3442, 0.2397



79.3569, 0.3474, 0.4916



79.3569, 0.1989, 0.1998

Square

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



79.3569, 0.3474, 0.4916



79.3569, 0.1692, 0.2722



79.3569, 0.2590, 0.2081



79.3569, 0.4811, 0.3489

Rectangle

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



79.3569, 0.3474, 0.4916



79.3569, 0.2199, 0.3925



79.3569, 0.2590, 0.2081



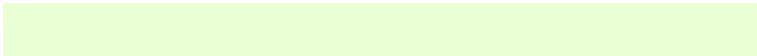
79.3569, 0.4041, 0.2713

Sweetspot

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



79.3604, 0.3474, 0.4916



93.8390, 0.3250, 0.3733



51.3245, 0.4424, 0.3983



19.9438, 0.3264, 0.3789



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.



79.3604, 0.3474, 0.4916



80.8488, 0.3491, 0.5210



72.7789, 0.3061, 0.5144



19.7602, 0.3196, 0.3529



38.9539, 0.3404, 0.5679



3.6709, 0.3491, 0.5610

Inverse Universe

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



26.2004, 0.2499, 0.1643



20.5123, 0.2339, 0.1341



36.6544, 0.3146, 0.1918



17.0448, 0.3053, 0.3050



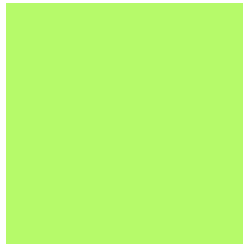
5.7890, 0.1969, 0.0858



0.5987, 0.2099, 0.0930

Previews

White Background



This preview shows how the Yxy color 79.3569, 0.3474, 0.4916 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 79.3569, 0.3474, 0.4916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

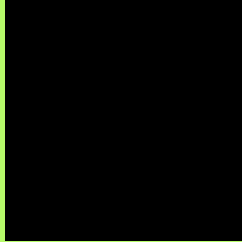
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.3569, 0.3474, 0.4916

Background



This preview shows how black text looks on a background with the Yxy color 79.3569, 0.3474, 0.4916.



This preview shows how white text looks on a background with the Yxy color 79.3569, 0.3474, 0.4916.

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

79.3569, 0.3474, 0.4916

Protanopia

78.7737, 0.4127, 0.4525

Deuteranopia

78.7413, 0.3598, 0.3668



Tritanopia

79.0651, 0.2813, 0.3097

Trichromacy



Original Color

79.3569, 0.3474, 0.4916



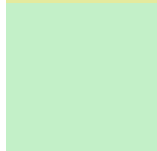
Protanomaly

78.0217, 0.3875, 0.4674



Deuteranomaly

77.8082, 0.3572, 0.4112



Tritanomaly

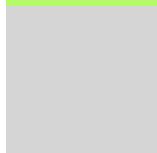
78.0924, 0.3074, 0.3745

Monochromacy



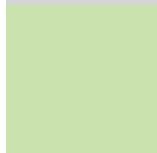
Original Color

79.3569, 0.3474, 0.4916



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

70.0053, 0.3295, 0.3897

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3569, 0.3474, 0.4916 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(182, 250, 106)` looks like.

```
.text, #text, p{  
    color:rgb(182, 250, 106)  
}
```

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(182, 250, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 250, 106) }
```

Border

The CSS property to change the border of an element to Yxy 79.3569, 0.3474, 0.4916 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(182, 250, 106) }
```

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

```
.border{ border-color:rgb(182, 250, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 250, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 250, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 250, 106);  
box-shadow:4px 4px 4px 4px rgb(182, 250,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3569, 0.3474, 0.4916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 250, 106) }
```

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

```
.background{ background-color: rgb(182,  
250, 106) }
```

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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