

Converting Colors

$Yxy(79.5218, 0.3474, 0.5366)$

Have a look what the booklet for
Yxy(79.5218, 0.3474, 0.5366)
contains.

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Color

Yxy(79.5492, 0.3475, 0.5365)

Conversions

Conversions Part 1

Format	Color
Hex	A2FF3E
RGB	162, 255, 62
RGB Percent	64%, 100%, 24%
CMY	0.3648, 0.0000, 0.7567
CMYK	0.36, 0.00, 0.76, 0.00
HSL	89°, 100%, 62%
HSV	89°, 76%, 100%
XYZ	51.5253, 79.5492, 17.1998
YIQ	205.1910, 6.5250, -79.7390

Conversions

Conversions Part 2

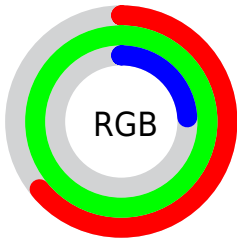
Format	Color
RYB	62, 255, 155
Decimal	10682174
CIELab	91.48, -55.59, 77.20
CIELCh	91, 95.134, 125.759
Yxy	79.5492, 0.3475, 0.5365
Android (android.graphics.Color)	4288872254 (0xFFA2FF3E)
YUV	205.1910, -70.5932, -37.8785
Hunter-Lab	89.1904, -52.9635, 50.9995

Details

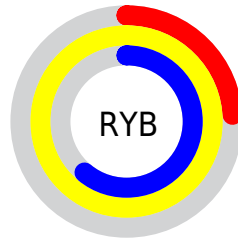
The Yxy color **79.5492, 0.3475, 0.5365** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **17.6439, 0.2262, 0.1199**, and the grayscale version is **61.6288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4797, 0.3654, 0.4654**, and **43.2129, 0.3384, 0.5695** is the 20% darker color. If you saturate the color by 10%, you get **78.1036, 0.3449, 0.5542**, and if you desaturate by 10%, it is **81.2455, 0.3478, 0.5136**.

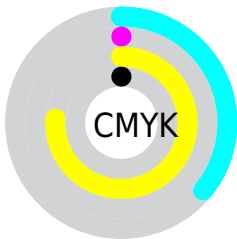
Distribution



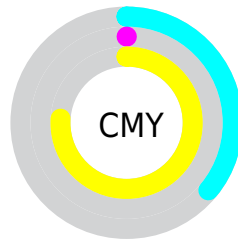
- Red (64%)
- Green (100%)
- Blue (24%)



- Red (24%)
- Yellow (100%)
- Blue (61%)



- Cyan (36%)
- Magenta (0%)
- Yellow (76%)
- Black (0%)




- Cyan (36%)
- Magenta (0%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.5492, 0.3475, 0.5365 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 79.5492, 0.3475, 0.5365 by changing the saturation by 10% instead.


 79.5492, 0.3475,
0.5365


 79.5492, 0.3475,
0.5365


493.4123, 0.3405,
0.4387


 59.3475, 0.3463,
0.5577

 132.7317, 0.3473,
0.5031

 42.8929, 0.3433,
0.5829


 166.4813, 0.3465,
0.4899


 29.8011, 0.3372,
0.6126


 205.5157, 0.3456,
0.4785

 19.6877, 0.3258,
0.6476

 250.2192, 0.3446,
0.4685

 12.1682, 0.3072,
0.6928

 300.9762, 0.3435,
0.4597

 6.8583, 0.2686,
0.7314


358.1711, 0.3425,


 3.3737, 0.2115,

0.4519


0.7885


422.1883, 0.3415,
0.4449


 1.3298, 0.0000,
1.0000


 0.1641, 0.0000,
1.0000


 79.5492, 0.3475,
0.5365


 79.5492, 0.3475,
0.5365


 78.1036, 0.3449,
0.5542


 81.2455, 0.3478,
0.5136

 76.8946, 0.3402,
0.5662

 83.2217, 0.3459,
0.4869

 76.4303, 0.3377,
0.5700

 85.4919, 0.3421,
0.4577

 88.0715, 0.3369,
0.4277

■ 90.9748, 0.3306,
0.3980

■ 94.2148, 0.3238,
0.3696

■ 97.8040, 0.3167,
0.3431

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.



79.5492, 0.4419, 0.4949



79.5492, 0.3475, 0.5365



79.5492, 0.2495, 0.4889

Triad

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



79.5492, 0.3475, 0.5365



79.5492, 0.1410, 0.1932



79.5492, 0.4625, 0.2786

Complementary

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



79.5492, 0.3475, 0.5365



17.6439, 0.2262, 0.1199

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.



79.5492, 0.3516, 0.2211



79.5492, 0.3475, 0.5365



79.5492, 0.1753, 0.1735

Square

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



79.5492, 0.3475, 0.5365



79.5492, 0.1395, 0.2537



79.5492, 0.2459, 0.1841



79.5492, 0.5235, 0.3469

Rectangle

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



79.5492, 0.3475, 0.5365



79.5492, 0.1953, 0.4086



79.5492, 0.2459, 0.1841



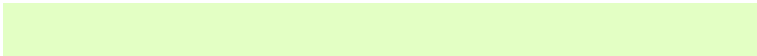
79.5492, 0.4284, 0.2577

Sweetspot

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



79.5460, 0.3475, 0.5365



91.8075, 0.3288, 0.3903



44.0919, 0.4954, 0.4094



19.4110, 0.3312, 0.4008



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.



79.5460, 0.3475, 0.5365



77.4324, 0.3426, 0.5613



73.1139, 0.3032, 0.5678



20.6308, 0.3194, 0.3530



40.0259, 0.3389, 0.5691



3.9622, 0.3473, 0.5624

Inverse Universe

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



17.6439, 0.2262, 0.1199



12.9673, 0.2069, 0.0947



30.7292, 0.3141, 0.1644



17.8074, 0.3055, 0.3050



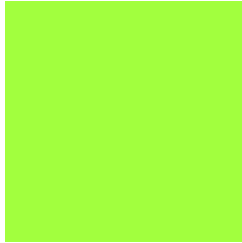
6.0585, 0.1987, 0.0868



0.6545, 0.2110, 0.0936

Previews

White Background



This preview shows how the Yxy color 79.5492, 0.3475, 0.5365 looks on a white background.

Color Contrast Check

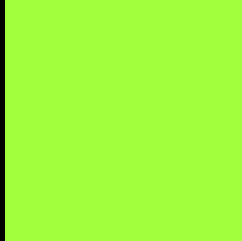
Large Text (above 18pt) WCAG AA × Fail

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 79.5492, 0.3475, 0.5365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

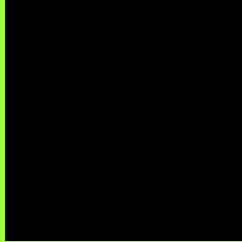
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

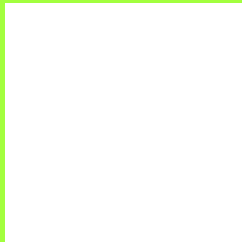
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.5492, 0.3475, 0.5365

Background



This preview shows how black text looks on a background with the Yxy color 79.5492, 0.3475, 0.5365.

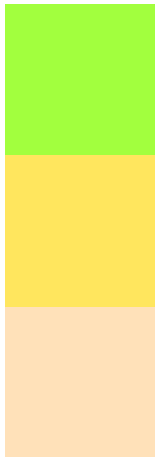


This preview shows how white text looks on a background with the Yxy color 79.5492, 0.3475, 0.5365.

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

79.5492, 0.3475, 0.5365

Protanopia

78.6618, 0.4155, 0.4568

Deuteranopia

78.6132, 0.3619, 0.3699



Tritanopia

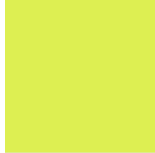
78.8647, 0.2740, 0.3095

Trichromacy



Original Color

79.5492, 0.3475, 0.5365



Protanomaly

77.7144, 0.3897, 0.4868



Deuteranomaly

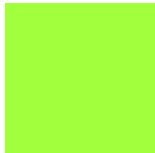
77.2565, 0.3624, 0.4337



Tritanomaly

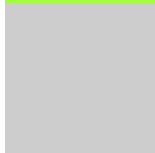
77.9074, 0.3064, 0.3983

Monochromacy



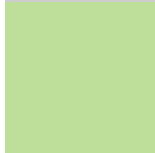
Original Color

79.5492, 0.3475, 0.5365



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

65.8941, 0.3340, 0.4142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5492, 0.3475, 0.5365 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(162, 255, 62)` looks like.

```
.text, #text, p{  
    color:rgb(162, 255, 62)  
}
```

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(162, 255, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 255, 62) }
```

Border

The CSS property to change the border of an element to Yxy 79.5492, 0.3475, 0.5365 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(162, 255, 62) }
```

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

```
.border{ border-color:rgb(162, 255, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 255, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 255, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 255, 62);  
box-shadow:4px 4px 4px 4px rgb(162, 255,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5492, 0.3475, 0.5365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 255, 62) }
```

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

```
.background{ background-color: rgb(162,  
255, 62) }
```

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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