

Converting Colors

$Y_{xy}(79.0424, 0.3517, 0.5515)$

Have a look what the booklet for
Yxy(79.0424, 0.3517, 0.5515)
contains.

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Color

Yxy(79.0925, 0.3520, 0.5512)

Conversions

Conversions Part 1

Format	Color
Hex	A0FF1F
RGB	160, 255, 31
RGB Percent	63%, 100%, 12%
CMY	0.3724, 0.0000, 0.8790
CMYK	0.37, 0.00, 0.88, 0.00
HSL	85°, 100%, 56%
HSV	85°, 88%, 100%
XYZ	50.5090, 79.0925, 13.8900
YIQ	201.0590, 15.2840, -89.8040

Conversions

Conversions Part 2

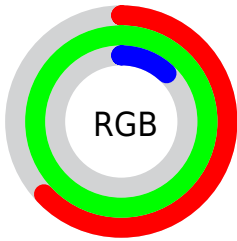
Format	Color
RYB	31, 255, 126
Decimal	10551071
CIELab	91.28, -57.40, 84.28
CIElCh	91, 101.972, 124.260
Yxy	79.0925, 0.3520, 0.5512
Android (android.graphics.Color)	4288741151 (0xFFA0FF1F)
YUV	201.0590, -83.8391, -36.0087
Hunter-Lab	88.9340, -54.2575, 52.9937

Details

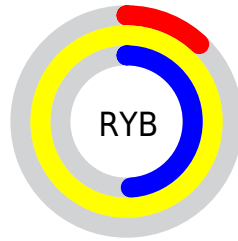
The Yxy color **79.0925, 0.3520, 0.5512** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle washed chartreuse. A complement of this color would be **12.6149, 0.2003, 0.0932**, and the grayscale version is **58.9681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8714, 0.3736, 0.4825**, and **43.0408, 0.3363, 0.5712** is the 20% darker color. If you saturate the color by 10%, you get **77.9436, 0.3474, 0.5614**, and if you desaturate by 10%, it is **80.4495, 0.3545, 0.5356**.

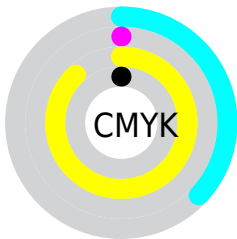
Distribution



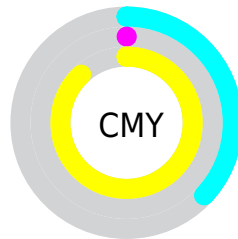
- Red (63%)
- Green (100%)
- Blue (12%)



- Red (12%)
- Yellow (100%)
- Blue (49%)



- Cyan (37%)
- Magenta (0%)
- Yellow (88%)
- Black (0%)




- Cyan (37%)
- Magenta (0%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0925, 0.3520, 0.5512 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 79.0925, 0.3520, 0.5512 by changing the saturation by 10% instead.


 79.0925, 0.3520,
0.5512

 79.0925, 0.3520,
0.5512


491.8692, 0.3450,
0.4476


 58.9719, 0.3502,
0.5730


 132.0891, 0.3523,
0.5164


 42.5905, 0.3461,
0.5984


 165.7338, 0.3516,
0.5024


 29.5639, 0.3383,
0.6278


 204.6554, 0.3506,
0.4902

 19.5078, 0.3258,
0.6644

 249.2381, 0.3495,
0.4795

 12.0378, 0.3005,
0.6995

 299.8665, 0.3484,
0.4701

 6.7694, 0.2605,
0.7395

356.9249, 0.3472,

 3.3183, 0.2015,

0.4618

0.7985

420.7976, 0.3461,
0.4543

■ 1.3001, 0.0000,
1.0000

■ 0.1413, 0.0000,
1.0000

■ 79.0925, 0.3520,
0.5512

■ 79.0925, 0.3520,
0.5512

■ 77.9436, 0.3474,
0.5614

■ 80.4495, 0.3545,
0.5356

■ 77.7198, 0.3463,
0.5632

■ 82.0293, 0.3545,
0.5148

■ 83.8546, 0.3522,
0.4899

■ 85.9419, 0.3479,
0.4622

■ 88.3060, 0.3419,
0.4331

■ 90.9602, 0.3348,
0.4039

■ 93.9170, 0.3271,
0.3755

■ 97.1878, 0.3190,
0.3488

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.



79.0925, 0.4514, 0.4990



79.0925, 0.3520, 0.5512



79.0925, 0.2485, 0.5081

Triad

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



79.0925, 0.3520, 0.5512



79.0925, 0.1313, 0.1868



79.0925, 0.4681, 0.2713

Complementary

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



79.0925, 0.3520, 0.5512



12.6149, 0.2003, 0.0932

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.



79.0925, 0.3475, 0.2123



79.0925, 0.3520, 0.5512



79.0925, 0.1649, 0.1653

Square

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



79.0925, 0.3520, 0.5512



79.0925, 0.1309, 0.2519



79.0925, 0.2365, 0.1752



79.0925, 0.5365, 0.3416

Rectangle

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



79.0925, 0.3520, 0.5512



79.0925, 0.1907, 0.4218



79.0925, 0.2365, 0.1752



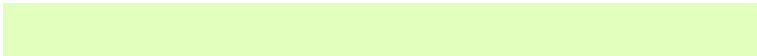
79.0925, 0.4306, 0.2498

Sweetspot

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



79.0960, 0.3520, 0.5512



91.4975, 0.3334, 0.3984



35.8370, 0.5402, 0.3973



19.3760, 0.3360, 0.4084



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.



79.0960, 0.3520, 0.5512



77.7198, 0.3463, 0.5632



72.2847, 0.3036, 0.5884



20.6850, 0.3203, 0.3529



40.7001, 0.3474, 0.5624



4.0272, 0.3553, 0.5561

Inverse Universe

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



12.6149, 0.2003, 0.0932



10.4103, 0.1865, 0.0801



26.0808, 0.3022, 0.1481



17.7538, 0.3045, 0.3049



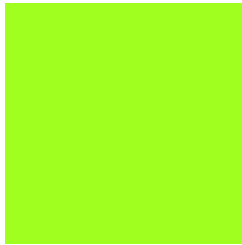
5.5231, 0.1882, 0.0810



0.6005, 0.2007, 0.0879

Previews

White Background



This preview shows how the Yxy color 79.0925, 0.3520, 0.5512 looks on a white background.

Color Contrast Check

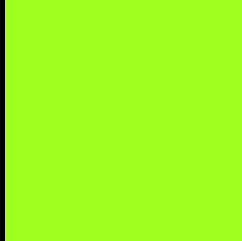
Large Text (above 18pt) WCAG AA × Fail

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 79.0925, 0.3520, 0.5512 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

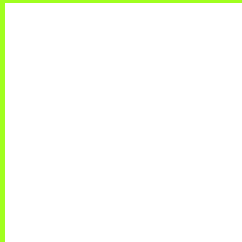
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0925, 0.3520, 0.5512

Background



This preview shows how black text looks on a background with the Yxy color 79.0925, 0.3520, 0.5512.



This preview shows how white text looks on a background with the Yxy color 79.0925, 0.3520, 0.5512.

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

79.0925, 0.3520, 0.5512

Protanopia

77.9387, 0.4205, 0.4626

Deuteranopia

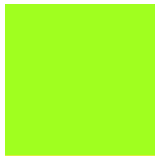
77.9487, 0.3643, 0.3720



Tritanopia

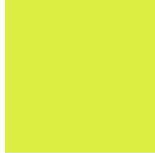
78.6072, 0.2729, 0.3094

Trichromacy



Original Color

79.0925, 0.3520, 0.5512



Protanomaly

76.7464, 0.3954, 0.4971



Deuteranomaly

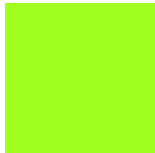
76.1646, 0.3694, 0.4463



Tritanomaly

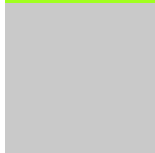
77.1835, 0.3119, 0.4132

Monochromacy



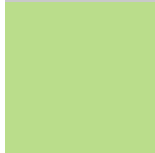
Original Color

79.0925, 0.3520, 0.5512



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

64.0161, 0.3410, 0.4300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0925, 0.3520, 0.5512 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(160, 255, 31)` looks like.

```
.text, #text, p{  
    color:rgb(160, 255, 31)  
}
```

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(160, 255, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 255, 31) }
```

Border

The CSS property to change the border of an element to Yxy 79.0925, 0.3520, 0.5512 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(160, 255, 31) }
```

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

```
.border{ border-color:rgb(160, 255, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 255, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 255, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 255, 31);  
box-shadow:4px 4px 4px 4px rgb(160, 255,  
31) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0925, 0.3520, 0.5512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 255, 31) }
```

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

```
.background{ background-color: rgb(160,  
255, 31) }
```

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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