

Converting Colors

$Y_{xy}(72.5901, 0.2852, 0.5392)$

Have a look what the booklet for
Yxy(72.5901, 0.2852, 0.5392)
contains.

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Color

Yxy(72.6215, 0.2853, 0.5397)

Conversions

Conversions Part 1

Format	Color
Hex	1AFF62
RGB	26, 255, 98
RGB Percent	10%, 100%, 38%
CMY	0.8982, 0.0000, 0.6157
CMYK	0.90, 0.00, 0.62, 0.00
HSL	139°, 100%, 55%
HSV	139°, 90%, 100%
XYZ	38.3897, 72.6215, 23.5478
YIQ	168.6310, -86.0870, -97.3750

Conversions

Conversions Part 2

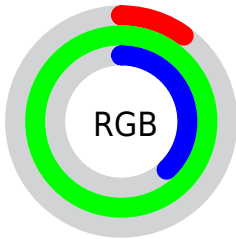
Format	Color
R _Y B	26, 200, 255
Decimal	1769314
CIE Lab	88.27, -79.83, 59.72
CIE LCh	88, 99.696, 143.199
Yxy	72.6215, 0.2853, 0.5397
Android (android.graphics.Color)	4279959394 (0xFF1AFF62)
YUV	168.6310, -34.8211, -125.0874
Hunter-Lab	85.2182, -68.7201, 43.2695

Details

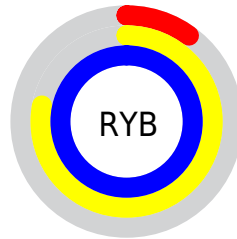
The Yxy color **72.6215, 0.2853, 0.5397** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark washed spring green. A complement of this color would be **25.4148, 0.4090, 0.2073**, and the grayscale version is **39.6858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9575, 0.2913, 0.4584**, and **39.6331, 0.2944, 0.5798** is the 20% darker color. If you saturate the color by 10%, you get **72.1099, 0.2887, 0.5590**, and if you desaturate by 10%, it is **73.4848, 0.2832, 0.5168**.

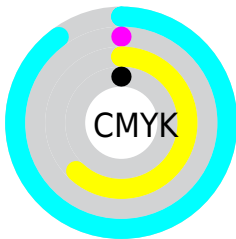
Distribution



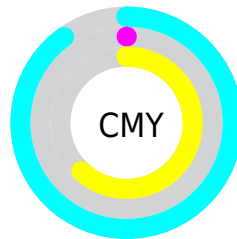
- Red (10%)
- Green (100%)
- Blue (38%)



- Red (10%)
- Yellow (78%)
- Blue (100%)



- Cyan (90%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)





- Cyan (90%)
- Magenta (0%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.6215, 0.2853, 0.5397 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 72.6215, 0.2853, 0.5397 by changing the saturation by 10% instead.


 72.6215, 0.2853,
0.5397


 72.6215, 0.2853,
0.5397


469.7019, 0.3049,
0.4333

 53.6665, 0.2788,
0.5654

 122.9397, 0.2937,
0.5014

 38.3351, 0.2697,
0.5974


 155.0718, 0.2965,
0.4869

 26.2429, 0.2565,
0.6380

 192.3650, 0.2987,
0.4746

 17.0054, 0.2365,
0.6899

 235.2037, 0.3005,
0.4640

 10.2384, 0.2067,
0.7608

283.9724, 0.3019,
0.4548

 5.5573, 0.1575,
0.8425

339.0554, 0.3031,

 2.5778, 0.0000,

0.4467

1.0000

400.8371, 0.3041,
0.4396

■ 0.9155, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 72.6215, 0.2853,
0.5397

■ 72.6215, 0.2853,
0.5397

■ 72.1099, 0.2887,
0.5590

■ 73.4848, 0.2832,
0.5168

■ 72.1021, 0.2887,
0.5594


■ 74.7887, 0.2829,
0.4915


■ 76.5883, 0.2842,
0.4648

■ 78.9307, 0.2871,
0.4381

 81.8575, 0.2911,
0.4123

 85.4058, 0.2960,
0.3882

 89.6098, 0.3014,
0.3662

 94.5011, 0.3071,
0.3463

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.



72.6215, 0.3903, 0.5403



72.6215, 0.2853, 0.5397



72.6215, 0.1927, 0.4276

Triad

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



72.6215, 0.2853, 0.5397



72.6215, 0.1478, 0.1684



72.6215, 0.5218, 0.3146

Complementary

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



72.6215, 0.2853, 0.5397



25.4148, 0.4090, 0.2073

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.



72.6215, 0.4270, 0.2472



72.6215, 0.2853, 0.5397



72.6215, 0.2047, 0.1675

Square

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



72.6215, 0.2853, 0.5397



72.6215, 0.1265, 0.2041



72.6215, 0.3028, 0.1951



72.6215, 0.5379, 0.3893

Rectangle

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



72.6215, 0.2853, 0.5397



72.6215, 0.1519, 0.3317



72.6215, 0.3028, 0.1951



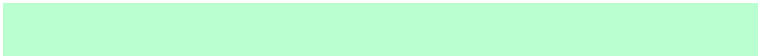
72.6215, 0.4976, 0.2912

Sweetspot

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



72.6210, 0.2853, 0.5397



86.5223, 0.2974, 0.3818



82.0699, 0.3697, 0.5393



18.2311, 0.2956, 0.3896



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.



72.6210, 0.2853, 0.5397



72.1021, 0.2887, 0.5594



76.3522, 0.2425, 0.3881



20.2623, 0.3072, 0.3457



37.6986, 0.2879, 0.5565



3.6893, 0.2817, 0.5340

Inverse Universe

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



25.4148, 0.4090, 0.2073



24.3473, 0.4225, 0.2101



22.4622, 0.5827, 0.3060



18.1974, 0.3186, 0.3128



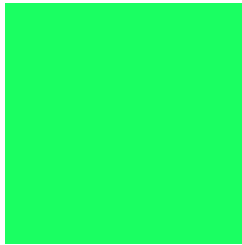
12.7502, 0.4204, 0.2090



1.2612, 0.4062, 0.2011

Previews

White Background



This preview shows how the Yxy color 72.6215, 0.2853, 0.5397 looks on a white background.

Color Contrast Check

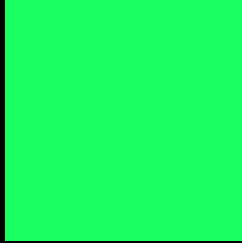
Large Text (above 18pt) WCAG AA × Fail

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 72.6215, 0.2853, 0.5397 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 72.6215, 0.2853, 0.5397

Background



This preview shows how black text looks on a background with the Yxy color 72.6215, 0.2853, 0.5397.

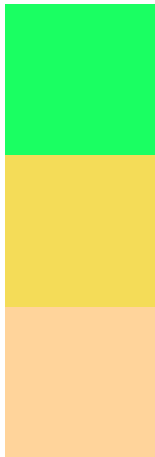


This preview shows how white text looks on a background with the Yxy color 72.6215, 0.2853, 0.5397.

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

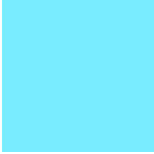
72.6215, 0.2853, 0.5397

Protanopia

71.1241, 0.4163, 0.4579

Deuteranopia

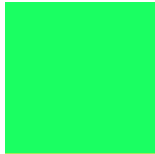
70.7135, 0.3877, 0.3878



Tritanopia

71.8533, 0.2407, 0.3076

Trichromacy



Original Color

72.6215, 0.2853, 0.5397



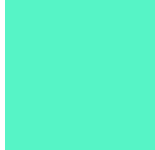
Protanomaly

67.0499, 0.3470, 0.4994



Deuteranomaly

65.9787, 0.3321, 0.4466



Tritanomaly

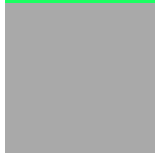
70.7570, 0.2552, 0.3893

Monochromacy



Original Color

72.6215, 0.2853, 0.5397



Achromatopsia

39.6755, 0.3127, 0.3290



Achromatomaly

47.0736, 0.2907, 0.4153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6215, 0.2853, 0.5397 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(26, 255, 98)` looks like.

```
.text, #text, p{  
    color:rgb(26, 255, 98)  
}
```

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(26, 255, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 255, 98) }
```

Border

The CSS property to change the border of an element to Yxy 72.6215, 0.2853, 0.5397 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(26, 255, 98) }
```

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

```
.border{ border-color:rgb(26, 255, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 255, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 255, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 255, 98);  
box-shadow:4px 4px 4px 4px rgb(26, 255,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6215, 0.2853, 0.5397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 255, 98) }
```

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

```
.background{ background-color: rgb(26, 255,  
98) }
```

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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