

Converting Colors

Yxy(74.4398, 0.3219, 0.5402)

Have a look what the booklet for
Yxy(74.4398, 0.3219, 0.5402)
contains.

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Color

Yxy(74.3676, 0.3218, 0.5400)

Conversions

Conversions Part 1

Format	Color
Hex	7BFC4D
RGB	123, 252, 77
RGB Percent	48%, 99%, 30%
CMY	0.5176, 0.0117, 0.6982
CMYK	0.51, 0.00, 0.69, 0.01
HSL	104°, 97%, 65%
HSV	104°, 69%, 99%
XYZ	44.3176, 74.3676, 19.0326
YIQ	193.4790, -20.7090, -81.7730

Conversions

Conversions Part 2

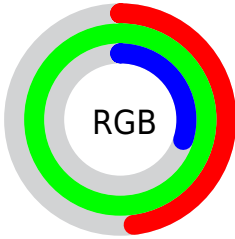
Format	Color
RYB	77, 252, 206
Decimal	8125517
CIELab	89.10, -65.28, 69.37
CIELCh	89, 95.260, 133.259
Yxy	74.3676, 0.3218, 0.5400
Android (android.graphics.Color)	4286315597 (0xFF7BFC4D)
YUV	193.4790, -57.4241, -61.8101
Hunter-Lab	86.2367, -59.1818, 47.2802

Details

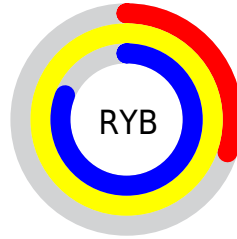
The Yxy color **74.3676, 0.3218, 0.5400** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed chartreuse. A complement of this color would be **25.4492, 0.2756, 0.1536**, and the grayscale version is **53.9794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5555, 0.3353, 0.4664**, and **39.3678, 0.3121, 0.5904** is the 20% darker color. If you saturate the color by 10%, you get **72.8389, 0.3189, 0.5641**, and if you desaturate by 10%, it is **76.3002, 0.3233, 0.5107**.

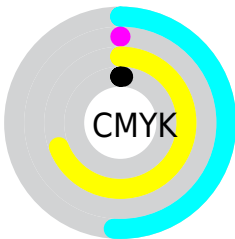
Distribution



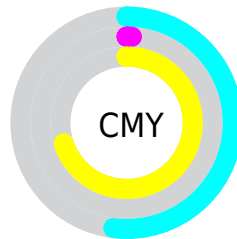
- Red (48%)
- Green (99%)
- Blue (30%)



- Red (30%)
- Yellow (99%)
- Blue (81%)



- Cyan (51%)
- Magenta (0%)
- Yellow (69%)
- Black (1%)




- Cyan (52%)
- Magenta (1%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3676, 0.3218, 0.5400 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 74.3676, 0.3218, 0.5400 by changing the saturation by 10% instead.


 74.3676, 0.3218,
0.5400


 74.3676, 0.3218,
0.5400


475.7411, 0.3256,
0.4366

 55.0950, 0.3184,
0.5637


 125.4168, 0.3251,
0.5037


 39.4778, 0.3129,
0.5926


 157.9621, 0.3258,
0.4897

 27.1316, 0.3037,
0.6279


 195.7004, 0.3261,
0.4776

 17.6721, 0.2882,
0.6711

 239.0162, 0.3262,
0.4672

 10.7148, 0.2660,
0.7340

 288.2937, 0.3262,
0.4581

 5.8754, 0.2178,
0.7822

343.9174, 0.3261,

 2.7695, 0.1305,

0.4500

0.8695

406.2718, 0.3259,
0.4429

■ 1.0126, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 74.3676, 0.3218,
0.5400

■ 74.3676, 0.3218,
0.5400

■ 72.8389, 0.3189,
0.5641

■ 76.3002, 0.3233,
0.5107

■ 71.6730, 0.3149,
0.5813


■ 78.6550, 0.3235,
0.4783


■ 70.8306, 0.3103,
0.5916

■ 81.4604, 0.3226,
0.4450


■ 70.7922, 0.3101,
0.5920

■ 84.7393, 0.3207,
0.4123

 88.5132, 0.3183,
0.3814

 92.8020, 0.3155,
0.3532

 97.6246, 0.3126,
0.3277

 98.1042, 0.3128,
0.3262

Harmonies

Analogous

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



74.3676, 0.4211, 0.5138



74.3676, 0.3218, 0.5400



74.3676, 0.2252, 0.4652

Triad

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



74.3676, 0.3218, 0.5400



74.3676, 0.1436, 0.1822



74.3676, 0.4884, 0.2939

Complementary

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



74.3676, 0.3218, 0.5400



25.4492, 0.2756, 0.1536

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.



74.3676, 0.3824, 0.2320



74.3676, 0.3218, 0.5400



74.3676, 0.1869, 0.1708

Square

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



74.3676, 0.3218, 0.5400



74.3676, 0.1337, 0.2316



74.3676, 0.2684, 0.1886



74.3676, 0.5314, 0.3646

Rectangle

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



74.3676, 0.3218, 0.5400



74.3676, 0.1763, 0.3762



74.3676, 0.2684, 0.1886



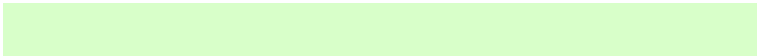
74.3676, 0.4578, 0.2719

Sweetspot

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



74.3708, 0.3218, 0.5400



90.2863, 0.3187, 0.3861



65.0518, 0.4382, 0.4496



19.0894, 0.3194, 0.3945



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.



74.3708, 0.3218, 0.5400



74.3505, 0.3176, 0.5711



72.5041, 0.2885, 0.5087



19.5299, 0.3155, 0.3532



36.9350, 0.3110, 0.5912



3.4699, 0.3193, 0.5847

Inverse Universe

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



25.4492, 0.2756, 0.1536



21.1613, 0.2658, 0.1321



30.7110, 0.3637, 0.2046



17.2815, 0.3096, 0.3053



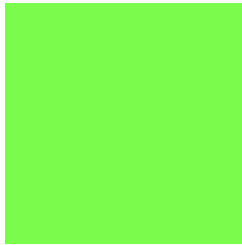
9.1562, 0.2551, 0.1179



0.8993, 0.2632, 0.1224

Previews

White Background



This preview shows how the Yxy color 74.3676, 0.3218, 0.5400 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 74.3676, 0.3218, 0.5400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

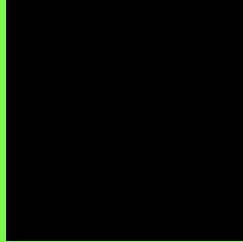
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

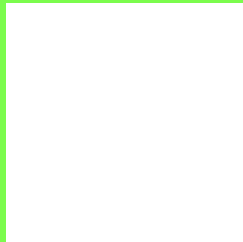
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3676, 0.3218, 0.5400

Background



This preview shows how black text looks on a background with the Yxy color 74.3676, 0.3218, 0.5400.

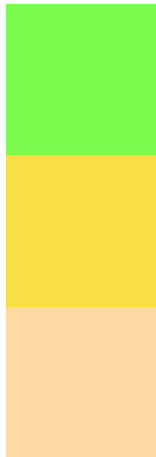


This preview shows how white text looks on a background with the Yxy color 74.3676, 0.3218, 0.5400.

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

74.3676, 0.3218, 0.5400

Protanopia

73.3448, 0.4260, 0.4697

Deuteranopia

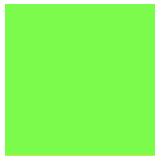
72.9804, 0.3811, 0.3846



Tritanopia

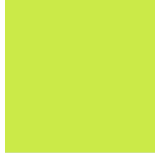
73.6403, 0.2558, 0.3072

Trichromacy



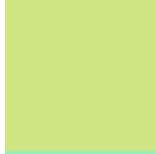
Original Color

74.3676, 0.3218, 0.5400



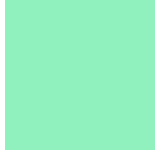
Protanomaly

72.0100, 0.3825, 0.4989



Deuteranomaly

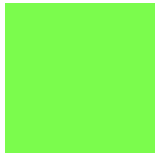
70.9427, 0.3595, 0.4409



Tritanomaly

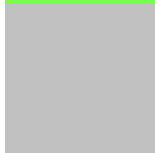
72.5576, 0.2828, 0.3927

Monochromacy



Original Color

74.3676, 0.3218, 0.5400



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

58.6523, 0.3210, 0.4113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3676, 0.3218, 0.5400 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(123, 252, 77)` looks like.

```
.text, #text, p{  
    color:rgb(123, 252, 77)  
}
```

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(123, 252, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 252, 77) }
```

Border

The CSS property to change the border of an element to Yxy 74.3676, 0.3218, 0.5400 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(123, 252, 77) }
```

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

```
.border{ border-color:rgb(123, 252, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 252, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 252, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 252, 77);  
box-shadow:4px 4px 4px 4px rgb(123, 252,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3676, 0.3218, 0.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 252, 77) }
```

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

```
.background{ background-color: rgb(123,  
252, 77) }
```

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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