

Converting Colors

$Yxy(74.7712, 0.2994, 0.5253)$

Have a look what the booklet for
Yxy(74.7712, 0.2994, 0.5253)
contains.

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Color

Yxy(74.7746, 0.2993, 0.5250)

Conversions

Conversions Part 1

Format	Color
Hex	5CFF67
RGB	92, 255, 103
RGB Percent	36%, 100%, 40%
CMY	0.6389, 0.0000, 0.5960
CMYK	0.64, 0.00, 0.60, 0.00
HSL	124°, 100%, 68%
HSV	124°, 64%, 100%
XYZ	42.6286, 74.7746, 25.0246
YIQ	188.9350, -48.3560, -81.8280

Conversions

Conversions Part 2

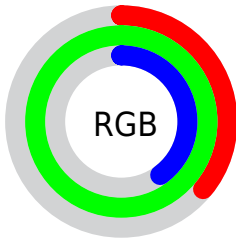
Format	Color
RYB	92, 245, 255
Decimal	6094695
CIELab	89.29, -71.10, 59.02
CIELCh	89, 92.402, 140.302
Yxy	74.7746, 0.2993, 0.5250
Android (android.graphics.Color)	4284284775 (0xFF5CFF67)
YUV	188.9350, -42.3660, -85.0120
Hunter-Lab	86.4723, -63.3306, 43.3724

Details

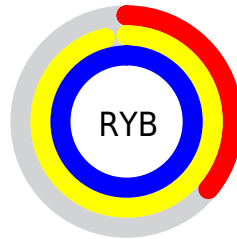
The Yxy color **74.7746, 0.2993, 0.5250** is a dark color, and the websafe version is hex **66FF66**, and the color name is **lemon lime**. The color can be described as middle muted spring green. A complement of this color would be **35.4622, 0.3300, 0.1905**, and the grayscale version is **51.1325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2577, 0.3072, 0.4456**, and **40.1377, 0.2927, 0.5736** is the 20% darker color. If you saturate the color by 10%, you get **73.2650, 0.2984, 0.5540**, and if you desaturate by 10%, it is **76.8681, 0.3008, 0.4920**.

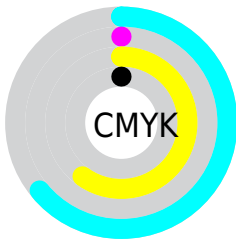
Distribution



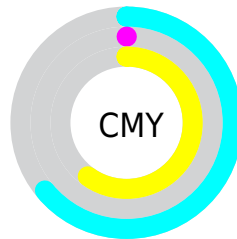
- Red (36%)
- Green (100%)
- Blue (40%)



- Red (36%)
- Yellow (96%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)




- Cyan (64%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7746, 0.2993, 0.5250 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 74.7746, 0.2993, 0.5250 by changing the saturation by 10% instead.

 74.7746, 0.2993,
0.5250

 74.7746, 0.2993,
0.5250


477.1425, 0.3117,
0.4273


 55.4283, 0.2947,
0.5483


 125.9932, 0.3050,
0.4901


 39.7447, 0.2879,
0.5772


 158.6343, 0.3068,
0.4768

 27.3395, 0.2778,
0.6138


 196.4758, 0.3082,
0.4655

 17.8284, 0.2621,
0.6605

 239.9020, 0.3092,
0.4557

 10.8269, 0.2371,
0.7222

289.2974, 0.3101,
0.4472

 5.9505, 0.1963,
0.8037


345.0464, 0.3107,

 2.8150, 0.0945,

0.4398

0.9055


407.5332, 0.3113,
0.4332


 1.0359, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 74.7746, 0.2993,
0.5250

 74.7746, 0.2993,
0.5250


 73.2650, 0.2984,
0.5540


 76.8681, 0.3008,
0.4920


 72.2717, 0.2983,
0.5768


 79.5866, 0.3027,
0.4576


 71.7274, 0.2988,
0.5917

 82.9781, 0.3050,
0.4238

 71.5593, 0.2991,
0.5969

 87.0834, 0.3073,
0.3921

 91.9401, 0.3096,
0.3635

 97.5831, 0.3119,
0.3380

99.9984, 0.3127,
0.3290

Harmonies

Analogous

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



74.7746, 0.3977, 0.5213



74.7746, 0.2993, 0.5250



74.7746, 0.2094, 0.4315

Triad

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



74.7746, 0.2993, 0.5250



74.7746, 0.1544, 0.1804



74.7746, 0.4996, 0.3112

Complementary

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



74.7746, 0.2993, 0.5250



35.4622, 0.3300, 0.1905

Split Complementary

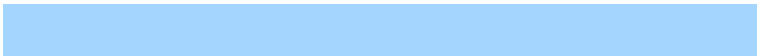
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7746, 0.4074, 0.2476



74.7746, 0.2993, 0.5250



74.7746, 0.2054, 0.1761

Square

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



74.7746, 0.2993, 0.5250



74.7746, 0.1372, 0.2193



74.7746, 0.2939, 0.1998



74.7746, 0.5242, 0.3822

Rectangle

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



74.7746, 0.2993, 0.5250



74.7746, 0.1676, 0.3448



74.7746, 0.2939, 0.1998



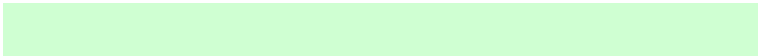
74.7746, 0.4749, 0.2889

Sweetspot

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



74.7777, 0.2993, 0.5250



89.3642, 0.3084, 0.3777



91.5500, 0.3940, 0.4807



18.8376, 0.3078, 0.3861



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.



74.7777, 0.2993, 0.5250



72.9050, 0.2983, 0.5619



77.2753, 0.2655, 0.4198



20.1880, 0.3106, 0.3519



37.3994, 0.2989, 0.5959



3.6480, 0.2962, 0.5864

Inverse Universe

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



35.4622, 0.3300, 0.1905



30.7511, 0.3336, 0.1745



31.5604, 0.4266, 0.2606



18.2781, 0.3148, 0.3071



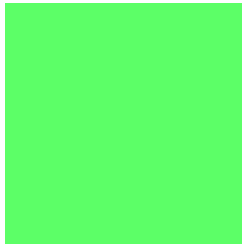
14.3391, 0.3386, 0.1639



1.4022, 0.3363, 0.1627

Previews

White Background



This preview shows how the Yxy color 74.7746, 0.2993, 0.5250 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 74.7746, 0.2993, 0.5250 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 74.7746, 0.2993, 0.5250

Background



This preview shows how black text looks on a background with the Yxy color 74.7746, 0.2993, 0.5250.

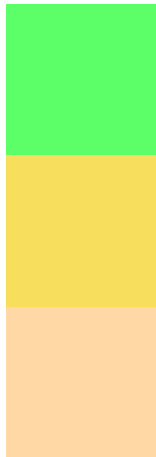


This preview shows how white text looks on a background with the Yxy color 74.7746, 0.2993, 0.5250.

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

74.7746, 0.2993, 0.5250

Protanopia

73.3398, 0.4143, 0.4554

Deuteranopia

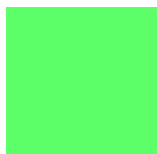
73.1249, 0.3782, 0.3805



Tritanopia

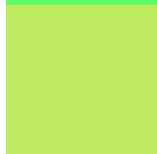
73.8081, 0.2506, 0.3082

Trichromacy



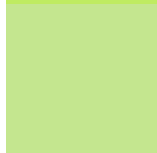
Original Color

74.7746, 0.2993, 0.5250



Protanomaly

71.3561, 0.3630, 0.4855



Deuteranomaly

70.3126, 0.3438, 0.4315



Tritanomaly

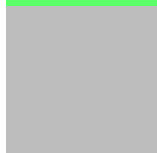
73.3071, 0.2693, 0.3843

Monochromacy



Original Color

74.7746, 0.2993, 0.5250



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

56.9271, 0.3064, 0.4030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7746, 0.2993, 0.5250 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(92, 255, 103)` looks like.

```
.text, #text, p{  
    color:rgb(92, 255, 103)  
}
```

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(92, 255, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 255, 103) }
```

Border

The CSS property to change the border of an element to Yxy 74.7746, 0.2993, 0.5250 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(92, 255, 103) }
```

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

```
.border{ border-color:rgb(92, 255, 103) }
```

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

Here you see how a box with a 4 pixel rgb(92, 255, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 255, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 255, 103);  
box-shadow:4px 4px 4px 4px rgb(92, 255,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7746, 0.2993, 0.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 255, 103) }
```

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

```
.background{ background-color: rgb(92, 255,  
103) }
```

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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