

Converting Colors

$Yxy(75.9398, 0.3322, 0.5685)$

Have a look what the booklet for
Yxy(75.9398, 0.3322, 0.5685)
contains.

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Color

Yxy(75.9502, 0.3323, 0.5686)

Conversions

Conversions Part 1

Format	Color
Hex	7DFF19
RGB	125, 255, 25
RGB Percent	49%, 100%, 10%
CMY	0.5100, 0.0000, 0.9021
CMYK	0.51, 0.00, 0.90, 0.00
HSL	94°, 100%, 55%
HSV	94°, 90%, 100%
XYZ	44.3867, 75.9502, 13.2372
YIQ	189.9100, -3.6500, -99.0900

Conversions

Conversions Part 2

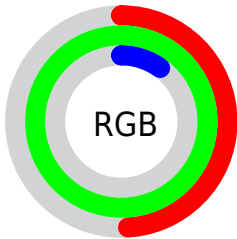
Format	Color
RYB	25, 255, 155
Decimal	8257305
CIELab	89.84, -68.27, 83.40
CIELCh	90, 107.779, 129.304
Yxy	75.9502, 0.3323, 0.5686
Android (android.graphics.Color)	4286447385 (0xFF7DFF19)
YUV	189.9100, -81.3006, -56.9261
Hunter-Lab	87.1494, -61.5984, 51.9990

Details

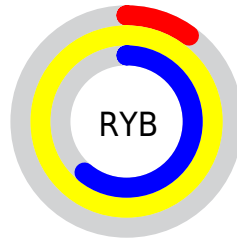
The Yxy color **75.9502, 0.3323, 0.5686** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark washed chartreuse. A complement of this color would be **14.8846, 0.2238, 0.1044**, and the grayscale version is **51.9047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1315, 0.3522, 0.4980**, and **40.6894, 0.3113, 0.5910** is the 20% darker color. If you saturate the color by 10%, you get **74.8885, 0.3268, 0.5787**, and if you desaturate by 10%, it is **77.2746, 0.3365, 0.5526**.

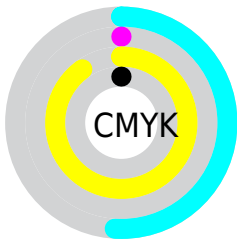
Distribution



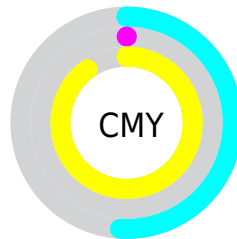
- Red (49%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (61%)



- Cyan (51%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)





- Cyan (51%)
- Magenta (0%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.9502, 0.3323, 0.5686 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 75.9502, 0.3323, 0.5686 by changing the saturation by 10% instead.


 75.9502, 0.3323,
0.5686


 75.9502, 0.3323,
0.5686


481.1772, 0.3350,
0.4539


 56.3917, 0.3281,
0.5934


 127.6565, 0.3361,
0.5294

 40.5170, 0.3209,
0.6227


 160.5731, 0.3367,
0.5139

 27.9419, 0.3092,
0.6569


 198.7111, 0.3369,
0.5004

 18.2819, 0.2919,
0.7013

 242.4550, 0.3368,
0.4887

 11.1525, 0.2589,
0.7411

 292.1892, 0.3365,
0.4784

 6.1695, 0.2104,
0.7896


 348.2980, 0.3360,

 2.9484, 0.1248,

0.4693


0.8752


411.1659, 0.3356,
0.4612

 1.1049, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 75.9502, 0.3323,
0.5686


 75.9502, 0.3323,
0.5686


 74.8885, 0.3268,
0.5787

 77.2746, 0.3365,
0.5526


 78.8898, 0.3387,
0.5307


 80.8152, 0.3389,
0.5041

 83.0715, 0.3371,
0.4745

 85.6769, 0.3338,
0.4434

 88.6482, 0.3294,
0.4125

 92.0011, 0.3242,
0.3828

 95.7500, 0.3186,
0.3550

99.9088, 0.3128,
0.3295

Harmonies

Analogous

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



75.9502, 0.4394, 0.5196



75.9502, 0.3323, 0.5686



75.9502, 0.2259, 0.5028

Triad

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



75.9502, 0.3323, 0.5686



75.9502, 0.1260, 0.1722



75.9502, 0.4967, 0.2787

Complementary

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



75.9502, 0.3323, 0.5686



14.8846, 0.2238, 0.1044

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.



75.9502, 0.3718, 0.2149



75.9502, 0.3323, 0.5686



75.9502, 0.1667, 0.1567

Square

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



75.9502, 0.3323, 0.5686



75.9502, 0.1194, 0.2302



75.9502, 0.2485, 0.1721



75.9502, 0.5539, 0.3521

Rectangle

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



75.9502, 0.3323, 0.5686



75.9502, 0.1701, 0.4018



75.9502, 0.2485, 0.1721



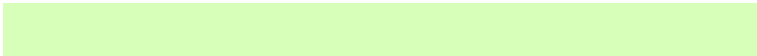
75.9502, 0.4595, 0.2559

Sweetspot

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



75.9459, 0.3323, 0.5686



89.6818, 0.3278, 0.4028



43.6199, 0.5115, 0.4245



18.9605, 0.3295, 0.4131



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.



75.9459, 0.3323, 0.5686



74.8885, 0.3268, 0.5787



71.8565, 0.2991, 0.5890



20.5542, 0.3182, 0.3531



39.2153, 0.3280, 0.5778



3.8814, 0.3368, 0.5708

Inverse Universe

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



14.8846, 0.2238, 0.1044



13.1647, 0.2138, 0.0952



28.4551, 0.3326, 0.1636



17.8845, 0.3068, 0.3051



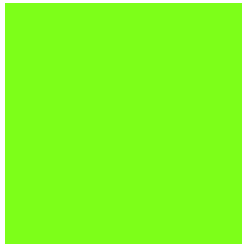
6.9688, 0.2154, 0.0960



0.7432, 0.2269, 0.1024

Previews

White Background



This preview shows how the Yxy color 75.9502, 0.3323, 0.5686 looks on a white background.

Color Contrast Check

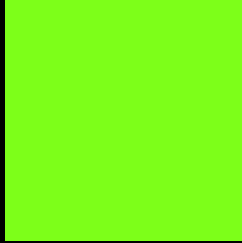
Large Text (above 18pt) WCAG AA × Fail

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 75.9502, 0.3323, 0.5686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

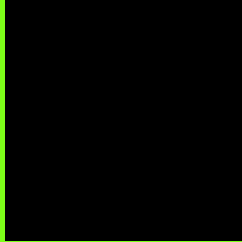
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

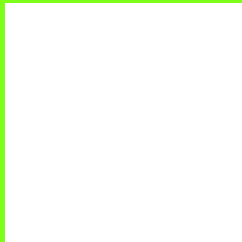
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9502, 0.3323, 0.5686

Background



This preview shows how black text looks on a background with the Yxy color 75.9502, 0.3323, 0.5686.



This preview shows how white text looks on a background with the Yxy color 75.9502, 0.3323, 0.5686.

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

75.9502, 0.3323, 0.5686

Protanopia

74.7506, 0.4401, 0.4875

Deuteranopia

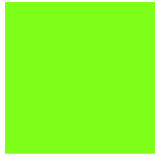
74.7131, 0.3765, 0.3824



Tritanopia

75.5749, 0.2591, 0.3086

Trichromacy



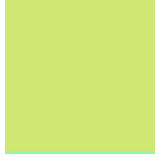
Original Color

75.9502, 0.3323, 0.5686



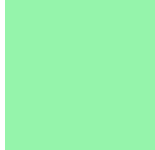
Protanomaly

73.1444, 0.3958, 0.5214



Deuteranomaly

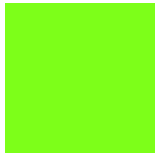
72.3609, 0.3681, 0.4596



Tritanomaly

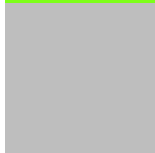
74.0312, 0.2957, 0.4202

Monochromacy



Original Color

75.9502, 0.3323, 0.5686



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

57.8118, 0.3329, 0.4394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9502, 0.3323, 0.5686 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(125, 255, 25)` looks like.

```
.text, #text, p{  
    color:rgb(125, 255, 25)  
}
```

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(125, 255, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 255, 25) }
```

Border

The CSS property to change the border of an element to Yxy 75.9502, 0.3323, 0.5686 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(125, 255, 25) }
```

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

```
.border{ border-color:rgb(125, 255, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 255, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 255, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 255, 25);  
box-shadow:4px 4px 4px 4px rgb(125, 255,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9502, 0.3323, 0.5686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 255, 25) }
```

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

```
.background{ background-color: rgb(125,  
255, 25) }
```

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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