

Converting Colors

Yxy(78.9152, 0.3323, 0.5188)

Have a look what the booklet for
Yxy(78.9152, 0.3323, 0.5188)
contains.

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Color

Yxy(78.9681, 0.3325, 0.5185)

Conversions

Conversions Part 1

Format	Color
Hex	98FF5C
RGB	152, 255, 92
RGB Percent	60%, 100%, 36%
CMY	0.4039, 0.0000, 0.6393
CMYK	0.40, 0.00, 0.64, 0.00
HSL	98°, 100%, 68%
HSV	98°, 64%, 100%
XYZ	50.6401, 78.9681, 22.6929
YIQ	205.6210, -9.0650, -72.5290

Conversions

Conversions Part 2

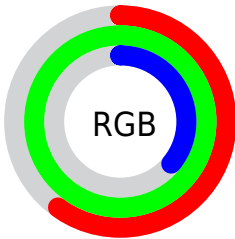
Format	Color
R _Y B	92, 255, 195
Decimal	10026844
CIE Lab	91.22, -56.81, 66.28
CIE LCh	91, 87.299, 130.600
Yxy	78.9681, 0.3325, 0.5185
Android (android.graphics.Color)	4288216924 (0xFF98FF5C)
YUV	205.6210, -56.0152, -47.0256
Hunter-Lab	88.8640, -53.7919, 47.0641

Details

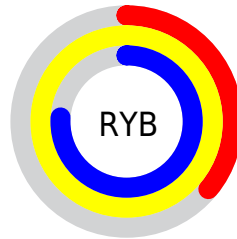
The Yxy color **78.9681, 0.3325, 0.5185** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **26.4700, 0.2638, 0.1574**, and the grayscale version is **61.8342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6552, 0.3460, 0.4444**, and **42.3016, 0.3281, 0.5639** is the 20% darker color. If you saturate the color by 10%, you get **77.1442, 0.3310, 0.5445**, and if you desaturate by 10%, it is **81.1530, 0.3322, 0.4887**.

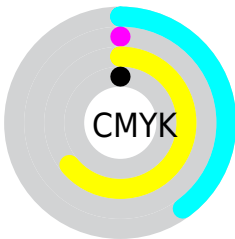
Distribution



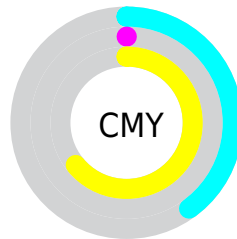
- Red (60%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (76%)



- Cyan (40%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.9681, 0.3325, 0.5185 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 78.9681, 0.3325, 0.5185 by changing the saturation by 10% instead.


 78.9681, 0.3325,
0.5185


 78.9681, 0.3325,
0.5185


491.4484, 0.3300,
0.4273


 58.8696, 0.3310,
0.5392


 131.9140, 0.3332,
0.4867

 42.5081, 0.3281,
0.5644

 165.5301, 0.3330,
0.4743

 29.4994, 0.3227,
0.5952


 204.4209, 0.3326,
0.4637

 19.4589, 0.3127,
0.6332

 248.9707, 0.3322,
0.4545

 12.0024, 0.2966,
0.6844

299.5640, 0.3316,
0.4464

 6.7453, 0.2626,
0.7374


356.5851, 0.3311,


 3.3033, 0.2039,


0.4392


0.7961


420.4184, 0.3305,
0.4329


 1.2921, 0.0000,
1.0000

 0.1350, 0.0000,
1.0000

 78.9681, 0.3325,
0.5185

 78.9681, 0.3325,
0.5185


 77.1442, 0.3310,
0.5445


 81.1530, 0.3322,
0.4887


 75.6573, 0.3276,
0.5649

 83.7207, 0.3304,
0.4570

 74.4791, 0.3227,
0.5789

 86.6907, 0.3274,
0.4250

 73.8938, 0.3194,
0.5846

 90.0813, 0.3236,
0.3942

 93.9092, 0.3192,
0.3652

 98.1904, 0.3146,
0.3387

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.



78.9681, 0.4227, 0.4945



78.9681, 0.3325, 0.5185



78.9681, 0.2420, 0.4587

Triad

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



78.9681, 0.3325, 0.5185



78.9681, 0.1543, 0.1972



78.9681, 0.4642, 0.2930

Complementary

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



78.9681, 0.3325, 0.5185



26.4700, 0.2638, 0.1574

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.



78.9681, 0.3666, 0.2358



78.9681, 0.3325, 0.5185



78.9681, 0.1925, 0.1828

Square

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



78.9681, 0.3325, 0.5185



78.9681, 0.1482, 0.2481



78.9681, 0.2651, 0.1970



78.9681, 0.5106, 0.3594

Rectangle

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



78.9681, 0.3325, 0.5185



78.9681, 0.1942, 0.3828



78.9681, 0.2651, 0.1970



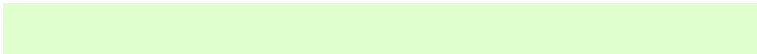
78.9681, 0.4352, 0.2725

Sweetspot

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



78.9680, 0.3325, 0.5185



91.9125, 0.3214, 0.3796



59.9556, 0.4422, 0.4267



19.4428, 0.3227, 0.3880



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.



78.9680, 0.3325, 0.5185



76.6530, 0.3301, 0.5514



74.9420, 0.2964, 0.5161



20.4937, 0.3171, 0.3532



38.6884, 0.3205, 0.5837



3.8264, 0.3292, 0.5768

Inverse Universe

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



26.4700, 0.2638, 0.1574



20.3433, 0.2506, 0.1305



34.9659, 0.3381, 0.1963



17.9465, 0.3079, 0.3051



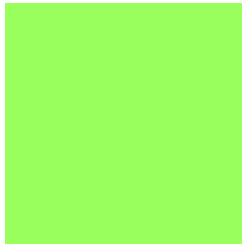
7.8256, 0.2301, 0.1041



0.8240, 0.2404, 0.1098

Previews

White Background



This preview shows how the Yxy color 78.9681, 0.3325, 0.5185 looks on a white background.

Color Contrast Check

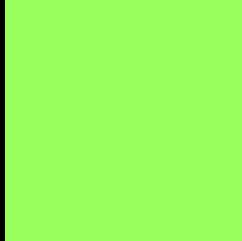
Large Text (above 18pt) WCAG AA × Fail

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 78.9681, 0.3325, 0.5185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

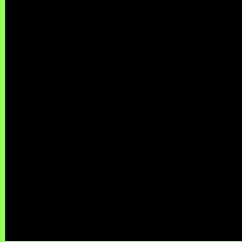
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.9681, 0.3325, 0.5185

Background



This preview shows how black text looks on a background with the Yxy color 78.9681, 0.3325, 0.5185.



This preview shows how white text looks on a background with the Yxy color 78.9681, 0.3325, 0.5185.

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

78.9681, 0.3325, 0.5185

Protanopia

77.9545, 0.4201, 0.4619

Deuteranopia

77.4960, 0.3631, 0.3689



Tritanopia

78.5594, 0.2702, 0.3104

Trichromacy



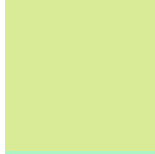
Original Color

78.9681, 0.3325, 0.5185



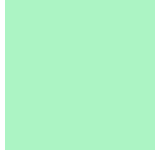
Protanomaly

76.7591, 0.3856, 0.4833



Deuteranomaly

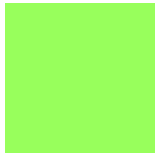
76.5565, 0.3539, 0.4219



Tritanomaly

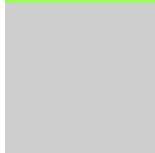
77.4575, 0.2954, 0.3857

Monochromacy



Original Color

78.9681, 0.3325, 0.5185



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

66.4670, 0.3239, 0.4010

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9681, 0.3325, 0.5185 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(152, 255, 92)` looks like.

```
.text, #text, p{  
    color:rgb(152, 255, 92)  
}
```

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(152, 255, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 255, 92) }
```

Border

The CSS property to change the border of an element to Yxy 78.9681, 0.3325, 0.5185 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(152, 255, 92) }
```

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

```
.border{ border-color:rgb(152, 255, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 255, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 255, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 255, 92);  
box-shadow:4px 4px 4px 4px rgb(152, 255,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9681, 0.3325, 0.5185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 255, 92) }
```

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

```
.background{ background-color: rgb(152,  
255, 92) }
```

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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