

Converting Colors

Yxy(84.3227, 0.3235, 0.4881)

Have a look what the booklet for
Yxy(84.3227, 0.3235, 0.4881)
contains.

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Color

Yxy(80.4488, 0.3245, 0.4843)

Conversions

Conversions Part 1

Format	Color
Hex	A0FF7C
RGB	160, 255, 124
RGB Percent	63%, 100%, 49%
CMY	0.3723, 0.0000, 0.5137
CMYK	0.37, 0.00, 0.51, 0.00
HSL	103°, 100%, 74%
HSV	103°, 51%, 100%
XYZ	53.9039, 80.4488, 31.7609
YIQ	211.6610, -14.5690, -60.8810

Conversions

Conversions Part 2

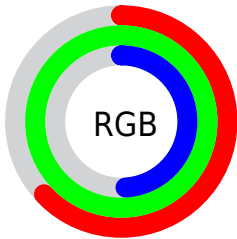
Format	Color
RYB	124, 255, 219
Decimal	10551164
CIELab	91.89, -51.16, 53.37
CIELCh	92, 73.927, 133.786
Yxy	80.4488, 0.3245, 0.4843
Android (android.graphics.Color)	4288741244 (0xFFA0FF7C)
YUV	211.6610, -43.2169, -45.3067
Hunter-Lab	89.6933, -49.6883, 41.7903

Details

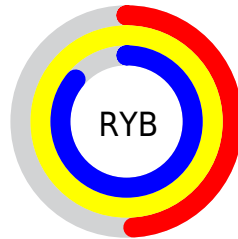
The Yxy color **80.4488, 0.3245, 0.4843** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **36.6939, 0.2867, 0.1932**, and the grayscale version is **65.9113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6801, 0.3331, 0.4102**, and **43.6679, 0.3213, 0.5232** is the 20% darker color. If you saturate the color by 10%, you get **78.1219, 0.3242, 0.5161**, and if you desaturate by 10%, it is **83.2327, 0.3236, 0.4511**.

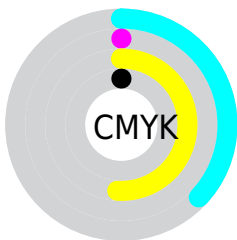
Distribution



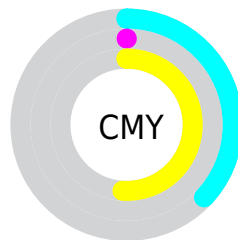
- Red (63%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (86%)



- Cyan (37%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)





- Cyan (37%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.4488, 0.3245, 0.4843 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 80.4488, 0.3245, 0.4843 by changing the saturation by 10% instead.


 80.4488, 0.3245,
0.4843

 80.4488, 0.3245,
0.4843


496.4440, 0.3232,
0.4093


 60.0877, 0.3236,
0.5017


 133.9965, 0.3250,
0.4579

 43.4894, 0.3219,
0.5233


 167.9520, 0.3249,
0.4478

 30.2693, 0.3186,
0.5503


 207.2077, 0.3247,
0.4390

 20.0431, 0.3124,
0.5850

252.1481, 0.3244,
0.4315

 12.4263, 0.3009,
0.6300

303.1575, 0.3241,
0.4249

 7.0347, 0.2847,
0.7040


360.6204, 0.3238,


 3.4838, 0.2354,


0.4191


0.7646


424.9211, 0.3235,
0.4139


 1.3892, 0.0013,
0.9987


 0.2088, 0.0000,
1.0000


 80.4488, 0.3245,
0.4843


 80.4488, 0.3245,
0.4843


 78.1219, 0.3242,
0.5161


 83.2327, 0.3236,
0.4511


 76.2160, 0.3225,
0.5444


 86.4865, 0.3218,
0.4183


 74.7061, 0.3193,
0.5672

 90.2356, 0.3192,
0.3871

 73.5595, 0.3151,
0.5830

 94.5001, 0.3163,
0.3583

 72.8253, 0.3109,
0.5913

 99.2992, 0.3132,
0.3323

99.9975, 0.3127,
0.3290

Harmonies

Analogous

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



80.4488, 0.4034, 0.4765



80.4488, 0.3245, 0.4843



80.4488, 0.2468, 0.4267

Triad

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



80.4488, 0.3245, 0.4843



80.4488, 0.1764, 0.2127



80.4488, 0.4471, 0.3058

Complementary

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



80.4488, 0.3245, 0.4843



36.6939, 0.2867, 0.1932

Split Complementary

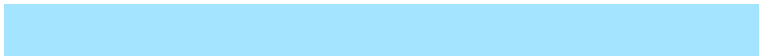
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.4488, 0.3686, 0.2533



80.4488, 0.3245, 0.4843



80.4488, 0.2142, 0.2015

Square

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



80.4488, 0.3245, 0.4843



80.4488, 0.1684, 0.2553



80.4488, 0.2813, 0.2164



80.4488, 0.4820, 0.3661

Rectangle

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



80.4488, 0.3245, 0.4843



80.4488, 0.2064, 0.3646



80.4488, 0.2813, 0.2164



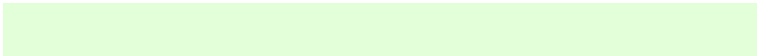
80.4488, 0.4244, 0.2871

Sweetspot

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



80.4522, 0.3245, 0.4843



92.8921, 0.3174, 0.3685



72.7986, 0.4061, 0.4229



19.6896, 0.3180, 0.3745



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

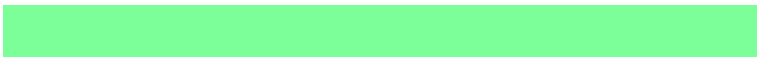
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.4522, 0.3245, 0.4843



77.9911, 0.3241, 0.5180



78.0840, 0.2925, 0.4588



20.4099, 0.3157, 0.3533



38.1173, 0.3119, 0.5905



3.7629, 0.3199, 0.5842

Inverse Universe

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



36.6939, 0.2867, 0.1932



29.6743, 0.2791, 0.1679



41.2042, 0.3449, 0.2282



18.0344, 0.3094, 0.3053



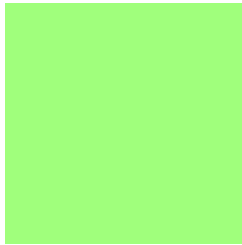
9.2301, 0.2521, 0.1162



0.9531, 0.2602, 0.1207

Previews

White Background



This preview shows how the Yxy color 80.4488, 0.3245, 0.4843 looks on a white background.

Color Contrast Check

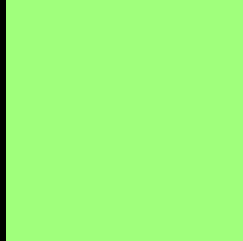
Large Text (above 18pt) WCAG AA × Fail

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 80.4488, 0.3245, 0.4843 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

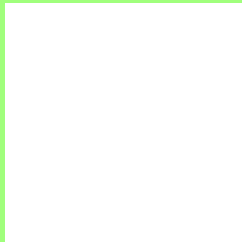
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.4488, 0.3245, 0.4843

Background



This preview shows how black text looks on a background with the Yxy color 80.4488, 0.3245, 0.4843.



This preview shows how white text looks on a background with the Yxy color 80.4488, 0.3245, 0.4843.

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

80.4488, 0.3245, 0.4843

Protanopia

79.6728, 0.4038, 0.4409

Deuteranopia

79.5030, 0.3560, 0.3626



Tritanopia

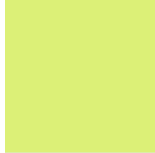
80.1595, 0.2747, 0.3117

Trichromacy



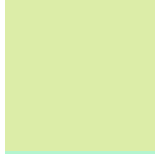
Original Color

80.4488, 0.3245, 0.4843



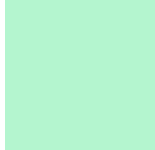
Protanomaly

78.8677, 0.3717, 0.4581



Deuteranomaly

78.6112, 0.3444, 0.4049



Tritanomaly

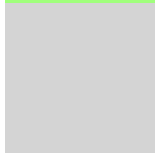
79.5131, 0.2941, 0.3727

Monochromacy



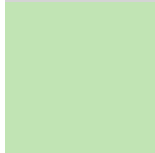
Original Color

80.4488, 0.3245, 0.4843



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

70.1195, 0.3190, 0.3858

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.4488, 0.3245, 0.4843 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(160, 255, 124)` looks like.

```
.text, #text, p{  
    color:rgb(160, 255, 124)  
}
```

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(160, 255, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 255, 124) }
```

Border

The CSS property to change the border of an element to Yxy 80.4488, 0.3245, 0.4843 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(160, 255, 124) }
```

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

```
.border{ border-color:rgb(160, 255, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 255, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 255, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 255, 124);  
box-shadow:4px 4px 4px 4px rgb(160, 255,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 80.4488, 0.3245, 0.4843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 255, 124) }
```

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

```
.background{ background-color: rgb(160,  
255, 124) }
```

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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