

Converting Colors

$Yxy(74.5636, 0.3027, 0.4500)$

Have a look what the booklet for
Yxy(74.5636, 0.3027, 0.4500)
contains.

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Color

Yxy(74.5955, 0.3026, 0.4499)

Conversions

Conversions Part 1

Format	Color
Hex	8FF797
RGB	143, 247, 151
RGB Percent	56%, 97%, 59%
CMY	0.4393, 0.0313, 0.4078
CMYK	0.42, 0.00, 0.39, 0.03
HSL	125°, 87%, 76%
HSV	125°, 42%, 97%
XYZ	50.1725, 74.5955, 41.0366
YIQ	204.9600, -31.1680, -51.9040

Conversions

Conversions Part 2

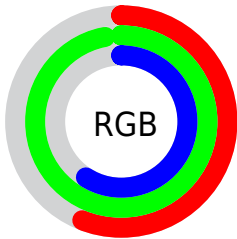
Format	Color
RYB	143, 240, 247
Decimal	9435031
CIELab	89.20, -49.37, 36.92
CIELCh	89, 61.648, 143.212
Yxy	74.5955, 0.3026, 0.4499
Android (android.graphics.Color)	4287625111 (0xFF8FF797)
YUV	204.9600, -26.6023, -54.3389
Hunter-Lab	86.3687, -47.4527, 32.2874

Details

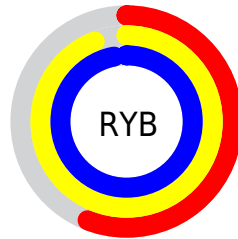
The Yxy color **74.5955, 0.3026, 0.4499** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **45.6453, 0.3245, 0.2323**, and the grayscale version is **61.2102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3937, 0.3072, 0.3825**, and **39.7062, 0.2974, 0.4820** is the 20% darker color. If you saturate the color by 10%, you get **71.9614, 0.3005, 0.4840**, and if you desaturate by 10%, it is **77.8643, 0.3049, 0.4168**.

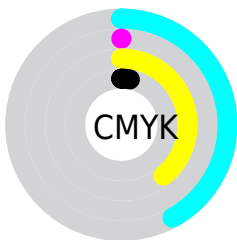
Distribution



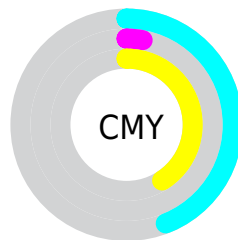
- Red (56%)
- Green (97%)
- Blue (59%)



- Red (56%)
- Yellow (94%)
- Blue (97%)



- Cyan (42%)
- Magenta (0%)
- Yellow (39%)
- Black (3%)





- Cyan (44%)
- Magenta (3%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.5955, 0.3026, 0.4499 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 74.5955, 0.3026, 0.4499 by changing the saturation by 10% instead.

 74.5955, 0.3026,
0.4499

 74.5955, 0.3026,
0.4499


476.5261, 0.3095,
0.3904

 55.2816, 0.3004,
0.4642


 125.7396, 0.3055,
0.4286

 39.6272, 0.2973,
0.4823


 158.3386, 0.3065,
0.4205

 27.2480, 0.2928,
0.5057


196.1347, 0.3073,
0.4137

 17.7596, 0.2859,
0.5370

239.5123, 0.3079,
0.4077

 10.7775, 0.2746,
0.5804

288.8559, 0.3084,
0.4026

 5.9174, 0.2545,
0.6434

344.5498, 0.3089,

 2.7949, 0.2258,

0.3980

0.7742

406.9784, 0.3092,
0.3940

■ 1.0256, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 74.5955, 0.3026,
0.4499

■ 74.5955, 0.3026,
0.4499

■ 71.9614, 0.3005,
0.4840

■ 77.8643, 0.3049,
0.4168

■ 69.9121, 0.2990,
0.5172

■ 81.7953, 0.3074,
0.3861

■ 68.4055, 0.2980,
0.5472

■ 86.4256, 0.3099,
0.3583

■ 67.3898, 0.2978,
0.5715

■ 91.7870, 0.3122,
0.3338

■ 66.8030, 0.2984,
0.5884

■ 95.0059, 0.3131,
0.3214

■ 66.5731, 0.2989,
0.5962

Harmonies

Analogous

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



74.5955, 0.3731, 0.4630



74.5955, 0.3026, 0.4499



74.5955, 0.2386, 0.3879

Triad

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



74.5955, 0.3026, 0.4499



74.5955, 0.2007, 0.2217



74.5955, 0.4421, 0.3268

Complementary

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



74.5955, 0.3026, 0.4499



45.6453, 0.3245, 0.2323

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.



74.5955, 0.3844, 0.2766



74.5955, 0.3026, 0.4499



74.5955, 0.2431, 0.2187

Square

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



74.5955, 0.3026, 0.4499



74.5955, 0.1852, 0.2513



74.5955, 0.3090, 0.2384



74.5955, 0.4585, 0.3814

Rectangle

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



74.5955, 0.3026, 0.4499



74.5955, 0.2081, 0.3352



74.5955, 0.3090, 0.2384



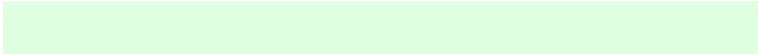
74.5955, 0.4267, 0.3092

Sweetspot

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



74.5986, 0.3026, 0.4499



92.4300, 0.3097, 0.3607



87.0463, 0.3707, 0.4350



19.5374, 0.3091, 0.3666



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.



74.5986, 0.3026, 0.4499



77.6252, 0.3007, 0.4805



76.6247, 0.2768, 0.3839



18.4928, 0.3105, 0.3515



35.2138, 0.2986, 0.5950



3.1020, 0.2953, 0.5832

Inverse Universe

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



45.6453, 0.3245, 0.2323



42.5046, 0.3274, 0.2139



43.0481, 0.3738, 0.2810



16.7449, 0.3150, 0.3075



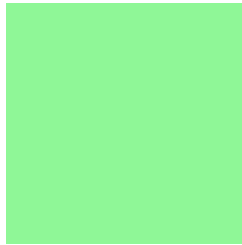
13.4279, 0.3413, 0.1654



1.1866, 0.3385, 0.1638

Previews

White Background



This preview shows how the Yxy color 74.5955, 0.3026, 0.4499 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 74.5955, 0.3026, 0.4499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

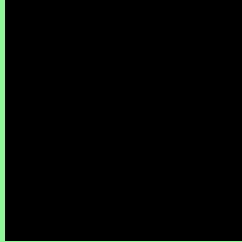
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.5955, 0.3026, 0.4499

Background



This preview shows how black text looks on a background with the Yxy color 74.5955, 0.3026, 0.4499.

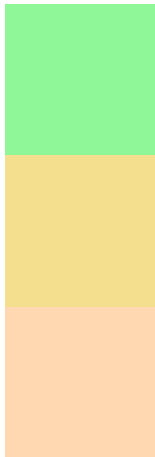


This preview shows how white text looks on a background with the Yxy color 74.5955, 0.3026, 0.4499.

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

74.5955, 0.3026, 0.4499

Protanopia

73.7531, 0.3834, 0.4149

Deuteranopia

73.5461, 0.3702, 0.3692



Tritanopia

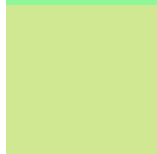
74.4649, 0.2597, 0.3075

Trichromacy



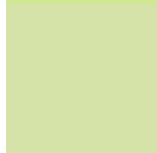
Original Color

74.5955, 0.3026, 0.4499



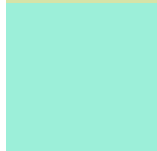
Protanomaly

73.0230, 0.3502, 0.4284



Deuteranomaly

72.0615, 0.3421, 0.3959



Tritanomaly

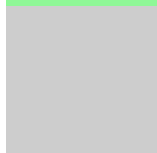
73.8107, 0.2748, 0.3552

Monochromacy



Original Color

74.5955, 0.3026, 0.4499



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

64.6343, 0.3086, 0.3718

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5955, 0.3026, 0.4499 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(143, 247, 151)` looks like.

```
.text, #text, p{  
    color:rgb(143, 247, 151)  
}
```

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(143, 247, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 247, 151) }
```

Border

The CSS property to change the border of an element to Yxy 74.5955, 0.3026, 0.4499 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(143, 247, 151) }
```

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

```
.border{ border-color:rgb(143, 247, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 247, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 247, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 247, 151);  
box-shadow:4px 4px 4px 4px rgb(143, 247,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5955, 0.3026, 0.4499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 247, 151) }
```

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

```
.background{ background-color: rgb(143,  
247, 151) }
```

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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