

Converting Colors

$Yxy(79.3226, 0.3090, 0.4543)$

Have a look what the booklet for
Yxy(79.3226, 0.3090, 0.4543)
contains.

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Color

Yxy(79.3226, 0.3090, 0.4543)

Conversions

Conversions Part 1

Format	Color
Hex	9AFD96
RGB	154, 253, 150
RGB Percent	60%, 99%, 59%
CMY	0.3962, 0.0078, 0.4117
CMYK	0.39, 0.00, 0.41, 0.01
HSL	118°, 96%, 79%
HSV	118°, 41%, 99%
XYZ	53.9526, 79.3226, 41.3288
YIQ	211.6570, -25.9410, -53.0210

Conversions

Conversions Part 2

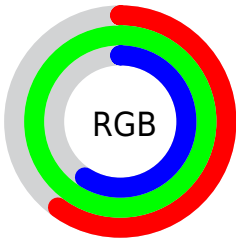
Format	Color
RYB	150, 253, 249
Decimal	10157462
CIELab	91.38, -48.85, 40.33
CIELCh	91, 63.347, 140.458
Yxy	79.3226, 0.3090, 0.4543
Android (android.graphics.Color)	4288347542 (0xFF9AFD96)
YUV	211.6570, -30.3969, -50.5652
Hunter-Lab	89.0632, -47.7291, 34.8314

Details

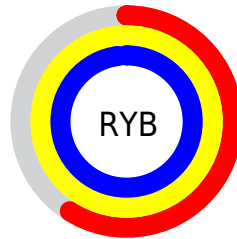
The Yxy color **79.3226, 0.3090, 0.4543** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **49.0636, 0.3141, 0.2275**, and the grayscale version is **65.8146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9248, 0.3145, 0.3825**, and **42.9031, 0.3047, 0.4864** is the 20% darker color. If you saturate the color by 10%, you get **76.4471, 0.3076, 0.4902**, and if you desaturate by 10%, it is **82.8646, 0.3102, 0.4192**.

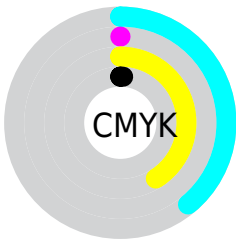
Distribution



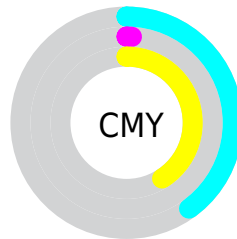
- Red (60%)
- Green (99%)
- Blue (59%)



- Red (59%)
- Yellow (99%)
- Blue (98%)



- Cyan (39%)
- Magenta (0%)
- Yellow (41%)
- Black (1%)





- Cyan (40%)
- Magenta (1%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.3226, 0.3090, 0.4543 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 79.3226, 0.3090, 0.4543 by changing the saturation by 10% instead.


 79.3226, 0.3090,
0.4543


 79.3226, 0.3090,
0.4543


492.6470, 0.3132,
0.3934

 59.1611, 0.3074,
0.4688


 132.4129, 0.3110,
0.4327

 42.7428, 0.3050,
0.4868


 166.1105, 0.3116,
0.4244

 29.6834, 0.3014,
0.5100


205.0889, 0.3120,
0.4174

 19.5984, 0.2957,
0.5405

249.7325, 0.3124,
0.4113

 12.1034, 0.2860,
0.5822

300.4258, 0.3127,
0.4060

 6.8142, 0.2683,
0.6411


357.5530, 0.3129,


 3.3462, 0.2433,


0.4013


0.7567

421.4986, 0.3130,
0.3971


 1.3150, 0.0037,
0.9963


 0.1528, 0.0000,
1.0000


 79.3226, 0.3090,
0.4543

 79.3226, 0.3090,
0.4543


 76.4471, 0.3076,
0.4902

 82.8646, 0.3102,
0.4192

 74.1871, 0.3060,
0.5247

 87.1005, 0.3112,
0.3864

 72.5007, 0.3043,
0.5549

 92.0681, 0.3121,
0.3568

 71.3362, 0.3027,
0.5782

 97.7996, 0.3127,
0.3307

■ 70.6327, 0.3014,
0.5930

98.7368, 0.3128,
0.3271

■ 70.3193, 0.3005,
0.5996

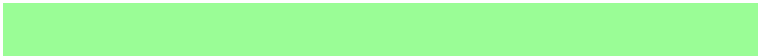
Harmonies

Analogous

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



79.3226, 0.3795, 0.4625



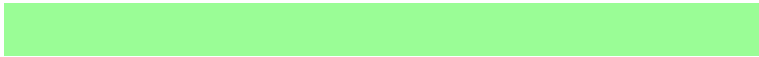
79.3226, 0.3090, 0.4543



79.3226, 0.2433, 0.3954

Triad

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



79.3226, 0.3090, 0.4543



79.3226, 0.1975, 0.2226



79.3226, 0.4392, 0.3217

Complementary

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



79.3226, 0.3090, 0.4543



49.0636, 0.3141, 0.2275

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.



79.3226, 0.3782, 0.2722



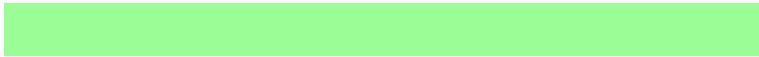
79.3226, 0.3090, 0.4543



79.3226, 0.2377, 0.2173

Square

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



79.3226, 0.3090, 0.4543



79.3226, 0.1844, 0.2550



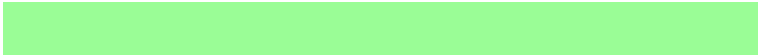
79.3226, 0.3021, 0.2352



79.3226, 0.4599, 0.3766

Rectangle

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



79.3226, 0.3090, 0.4543



79.3226, 0.2109, 0.3424



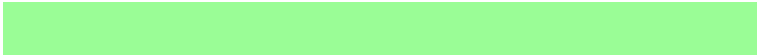
79.3226, 0.3021, 0.2352



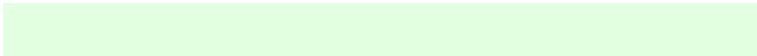
79.3226, 0.4224, 0.3043

Sweetspot

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



79.3259, 0.3090, 0.4543



93.0231, 0.3120, 0.3605



90.1362, 0.3756, 0.4257



19.7628, 0.3119, 0.3642



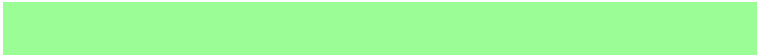
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

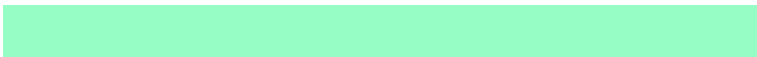
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3259, 0.3090, 0.4543



78.2702, 0.3078, 0.4842



80.7450, 0.2837, 0.3969



20.2013, 0.3121, 0.3535



37.4180, 0.3008, 0.5994



3.6544, 0.3027, 0.5979

Inverse Universe

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



49.0636, 0.3141, 0.2275



43.5624, 0.3141, 0.2088



47.1923, 0.3591, 0.2705



18.2628, 0.3132, 0.3055



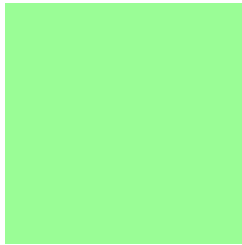
13.9539, 0.3113, 0.1489



1.3693, 0.3125, 0.1495

Previews

White Background



This preview shows how the Yxy color 79.3226, 0.3090, 0.4543 looks on a white background.

Color Contrast Check

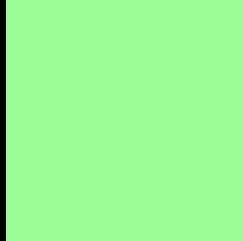
Large Text (above 18pt) WCAG AA × Fail

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 79.3226, 0.3090, 0.4543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

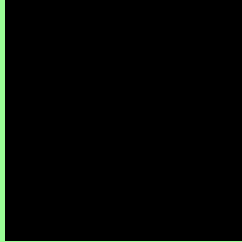
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

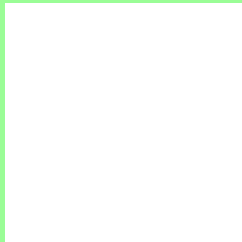
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.3226, 0.3090, 0.4543

Background



This preview shows how black text looks on a background with the Yxy color 79.3226, 0.3090, 0.4543.

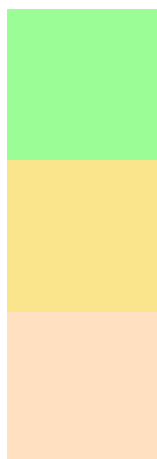


This preview shows how white text looks on a background with the Yxy color 79.3226, 0.3090, 0.4543.

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

79.3226, 0.3090, 0.4543

Protanopia

78.2857, 0.3863, 0.4186

Deuteranopia

78.4216, 0.3565, 0.3606



Tritanopia

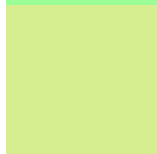
78.6834, 0.2707, 0.3104

Trichromacy



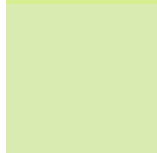
Original Color

79.3226, 0.3090, 0.4543



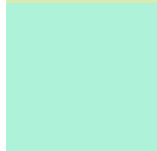
Protanomaly

77.6098, 0.3550, 0.4330



Deuteranomaly

77.4964, 0.3377, 0.3932



Tritanomaly

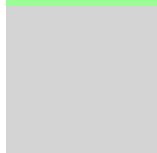
78.1096, 0.2851, 0.3590

Monochromacy



Original Color

79.3226, 0.3090, 0.4543



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

69.6887, 0.3120, 0.3739

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3226, 0.3090, 0.4543 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(154, 253, 150)` looks like.

```
.text, #text, p{  
    color:rgb(154, 253, 150)  
}
```

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(154, 253, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 253, 150) }
```

Border

The CSS property to change the border of an element to Yxy 79.3226, 0.3090, 0.4543 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(154, 253, 150) }
```

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

```
.border{ border-color:rgb(154, 253, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 253, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 253, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 253, 150);  
box-shadow:4px 4px 4px 4px rgb(154, 253,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3226, 0.3090, 0.4543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 253, 150) }
```

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

```
.background{ background-color: rgb(154,  
253, 150) }
```

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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