

Converting Colors

Yxy(76.3034, 0.3047, 0.4967)

Have a look what the booklet for
Yxy(76.3034, 0.3047, 0.4967)
contains.

Yxy(76.3290, 0.3048, 0.4974)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(76.3290, 0.3048, 0.4974)

Conversions

Conversions Part 1

Format	Color
Hex	79FE79
RGB	121, 254, 121
RGB Percent	47%, 100%, 47%
CMY	0.5256, 0.0039, 0.5255
CMYK	0.52, 0.00, 0.52, 0.00
HSL	120°, 99%, 74%
HSV	120°, 52%, 100%
XYZ	46.7734, 76.3290, 30.3536
YIQ	199.0710, -36.5750, -69.5590

Conversions

Conversions Part 2

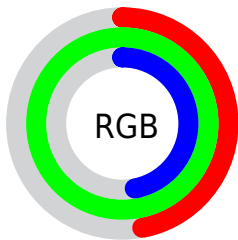
Format	Color
RYB	121, 254, 254
Decimal	7995001
CIELab	90.01, -62.20, 52.13
CIELCh	90, 81.153, 140.033
Yxy	76.3290, 0.3048, 0.4974
Android (android.graphics.Color)	4286185081 (0xFF79FE79)
YUV	199.0710, -38.4890, -68.4683
Hunter-Lab	87.3665, -57.3278, 40.5575

Details

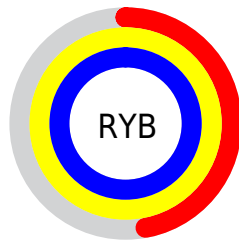
The Yxy color **76.3290, 0.3048, 0.4974** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **41.8919, 0.3186, 0.2035**, and the grayscale version is **57.4109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5997, 0.3120, 0.4197**, and **40.6815, 0.2969, 0.5415** is the 20% darker color. If you saturate the color by 10%, you get **74.1899, 0.3032, 0.5316**, and if you desaturate by 10%, it is **79.1214, 0.3065, 0.4612**.

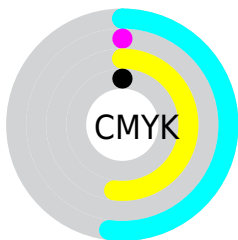
Distribution



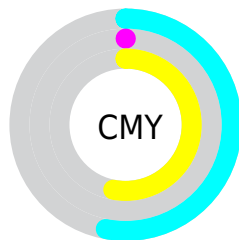
- Red (47%)
- Green (100%)
- Blue (47%)



- Red (47%)
- Yellow (100%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)





- Cyan (53%)
- Magenta (0%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.3290, 0.3048, 0.4974 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 76.3290, 0.3048, 0.4974 by changing the saturation by 10% instead.


 76.3290, 0.3048,
0.4974

 76.3290, 0.3048,
0.4974


482.4732, 0.3130,
0.4142


 56.7023, 0.3016,
0.5173


 128.1919, 0.3087,
0.4677

 40.7663, 0.2970,
0.5421


 161.1968, 0.3099,
0.4564

 28.1365, 0.2899,
0.5736


 199.4300, 0.3108,
0.4467

 18.4286, 0.2788,
0.6147

243.2758, 0.3114,
0.4384

 11.2581, 0.2601,
0.6689

293.1187, 0.3120,
0.4312

 6.2407, 0.2351,
0.7649


349.3429, 0.3124,


 2.9920, 0.1641,


0.4248


0.8359


412.3329, 0.3127,
0.4192


 1.1276, 0.0000,
1.0000


 0.0013, 0.0000,
1.0000


 76.3290, 0.3048,
0.4974


 76.3290, 0.3048,
0.4974


 74.1899, 0.3032,
0.5316


 79.1214, 0.3065,
0.4612


 72.6426, 0.3018,
0.5608


 82.6038, 0.3082,
0.4255


 71.6302, 0.3008,
0.5826

 86.8215, 0.3098,
0.3920

 71.0803, 0.3002,
0.5954

 91.8133, 0.3112,
0.3616

 70.8900, 0.3000,
0.6000

 97.6151, 0.3124,
0.3349

99.3698, 0.3128,
0.3281

Harmonies

Analogous

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



76.3290, 0.3931, 0.4993



76.3290, 0.3048, 0.4974



76.3290, 0.2233, 0.4183

Triad

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



76.3290, 0.3048, 0.4974



76.3290, 0.1698, 0.1961



76.3290, 0.4758, 0.3151

Complementary

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



76.3290, 0.3048, 0.4974



41.8919, 0.3186, 0.2035

Split Complementary

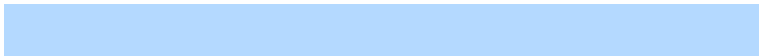
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.3290, 0.3952, 0.2563



76.3290, 0.3048, 0.4974



76.3290, 0.2168, 0.1911

Square

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



76.3290, 0.3048, 0.4974



76.3290, 0.1543, 0.2335



76.3290, 0.2962, 0.2125



76.3290, 0.5003, 0.3807

Rectangle

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



76.3290, 0.3048, 0.4974



76.3290, 0.1844, 0.3454



76.3290, 0.2962, 0.2125



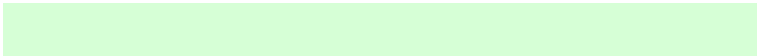
76.3290, 0.4538, 0.2944

Sweetspot

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



76.3322, 0.3048, 0.4974



90.7120, 0.3107, 0.3722



93.3420, 0.3891, 0.4553



19.1930, 0.3104, 0.3784



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.



76.3322, 0.3048, 0.4974



74.7334, 0.3031, 0.5336



78.5605, 0.2746, 0.4122



20.1683, 0.3116, 0.3536



37.3708, 0.3000, 0.6000



3.6387, 0.3000, 0.5999

Inverse Universe

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



41.8919, 0.3186, 0.2035



36.5452, 0.3195, 0.1844



38.3464, 0.3865, 0.2613



18.3003, 0.3138, 0.3056



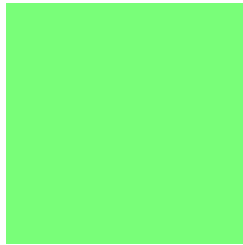
14.8793, 0.3210, 0.1542



1.4488, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 76.3290, 0.3048, 0.4974 looks on a white background.

Color Contrast Check

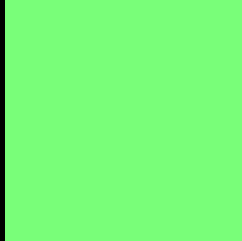
Large Text (above 18pt) WCAG AA × Fail

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 76.3290, 0.3048, 0.4974 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 76.3290, 0.3048, 0.4974

Background



This preview shows how black text looks on a background with the Yxy color 76.3290, 0.3048, 0.4974.

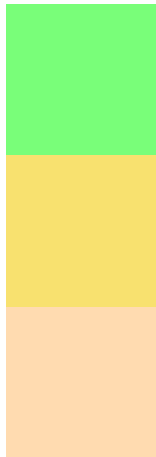


This preview shows how white text looks on a background with the Yxy color 76.3290, 0.3048, 0.4974.

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

76.3290, 0.3048, 0.4974

Protanopia

74.9546, 0.4045, 0.4426

Deuteranopia

75.0576, 0.3700, 0.3732



Tritanopia

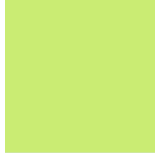
75.9461, 0.2583, 0.3097

Trichromacy



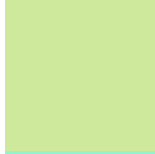
Original Color

76.3290, 0.3048, 0.4974



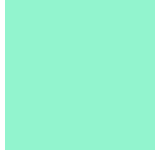
Protanomaly

73.7853, 0.3621, 0.4650



Deuteranomaly

73.2353, 0.3428, 0.4162



Tritanomaly

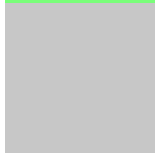
75.2686, 0.2759, 0.3752

Monochromacy



Original Color

76.3290, 0.3048, 0.4974



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

62.2612, 0.3099, 0.3899

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3290, 0.3048, 0.4974 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(121, 254, 121)` looks like.

```
.text, #text, p{  
    color:rgb(121, 254, 121)  
}
```

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(121, 254, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 254, 121) }
```

Border

The CSS property to change the border of an element to Yxy 76.3290, 0.3048, 0.4974 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(121, 254, 121) }
```

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

```
.border{ border-color:rgb(121, 254, 121) }
```

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

Here you see how a box with a 4 pixel rgb(121, 254, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 254, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 254, 121);  
box-shadow:4px 4px 4px 4px rgb(121, 254,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3290, 0.3048, 0.4974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 254, 121) }
```

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

```
.background{ background-color: rgb(121,  
254, 121) }
```

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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