

Converting Colors

Yxy(74.6305, 0.3223, 0.5051)

Have a look what the booklet for
Yxy(74.6305, 0.3223, 0.5051)
contains.

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Color

Yxy(74.5428, 0.3225, 0.5047)

Conversions

Conversions Part 1

Format	Color
Hex	8EF96A
RGB	142, 249, 106
RGB Percent	56%, 98%, 42%
CMY	0.4432, 0.0235, 0.5842
CMYK	0.43, 0.00, 0.57, 0.02
HSL	105°, 92%, 70%
HSV	105°, 57%, 98%
XYZ	47.6324, 74.5428, 25.5221
YIQ	200.7050, -17.8690, -67.1570

Conversions

Conversions Part 2

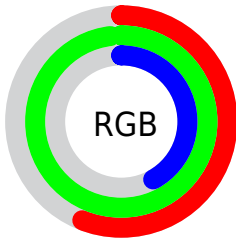
Format	Color
RYB	106, 249, 213
Decimal	9369962
CIELab	89.18, -56.20, 58.03
CIElCh	89, 80.783, 134.085
Yxy	74.5428, 0.3225, 0.5047
Android (android.graphics.Color)	4287560042 (0xFF8EF96A)
YUV	200.7050, -46.6896, -51.4843
Hunter-Lab	86.3382, -52.6142, 42.9102

Details

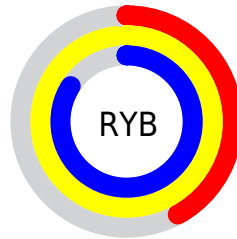
The Yxy color **74.5428, 0.3225, 0.5047** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **31.3095, 0.2856, 0.1799**, and the grayscale version is **58.5212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5107, 0.3319, 0.4332**, and **39.7321, 0.3173, 0.5499** is the 20% darker color. If you saturate the color by 10%, you get **72.5878, 0.3212, 0.5349**, and if you desaturate by 10%, it is **76.9302, 0.3226, 0.4718**.

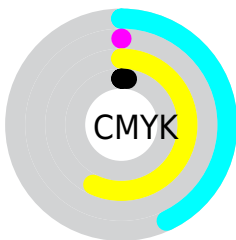
Distribution



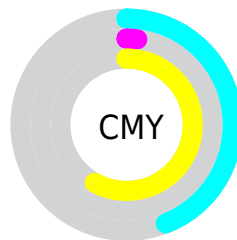
- Red (56%)
- Green (98%)
- Blue (42%)



- Red (42%)
- Yellow (98%)
- Blue (84%)



- Cyan (43%)
- Magenta (0%)
- Yellow (57%)
- Black (2%)





- Cyan (44%)
- Magenta (2%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.5428, 0.3225, 0.5047 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 74.5428, 0.3225, 0.5047 by changing the saturation by 10% instead.


 74.5428, 0.3225,
0.5047


 74.5428, 0.3225,
0.5047


476.3446, 0.3233,
0.4185

 55.2384, 0.3207,
0.5249

 125.6650, 0.3240,
0.4742

 39.5926, 0.3175,
0.5499


 158.2515, 0.3242,
0.4625

 27.2211, 0.3120,
0.5813


 196.0343, 0.3243,
0.4524

 17.7393, 0.3023,
0.6212

 239.3976, 0.3242,
0.4438

 10.7630, 0.2850,
0.6733

288.7259, 0.3240,
0.4362

 5.9077, 0.2549,
0.7451

344.4036, 0.3238,

 2.7890, 0.1881,

0.4296

0.8119

406.8150, 0.3235,
0.4237

1.0226, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

74.5428, 0.3225,
0.5047

74.5428, 0.3225,
0.5047

72.5878, 0.3212,
0.5349

76.9302, 0.3226,
0.4718

71.0285, 0.3186,
0.5603


79.7651, 0.3216,
0.4383


69.8374, 0.3148,
0.5790


83.0732, 0.3198,
0.4059


68.9776, 0.3104,
0.5904

86.8754, 0.3174,
0.3755

 68.7991, 0.3093,
0.5926

 91.1916, 0.3148,
0.3477

 96.0120, 0.3122,
0.3233

 96.2349, 0.3130,
0.3233

Harmonies

Analogous

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



74.5428, 0.4096, 0.4922



74.5428, 0.3225, 0.5047



74.5428, 0.2375, 0.4391

Triad

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



74.5428, 0.3225, 0.5047



74.5428, 0.1639, 0.2004



74.5428, 0.4639, 0.3026

Complementary

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



74.5428, 0.3225, 0.5047



31.3095, 0.2856, 0.1799

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.



74.5428, 0.3757, 0.2459



74.5428, 0.3225, 0.5047



74.5428, 0.2046, 0.1895

Square

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



74.5428, 0.3225, 0.5047



74.5428, 0.1546, 0.2452



74.5428, 0.2780, 0.2060



74.5428, 0.5012, 0.3674

Rectangle

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



74.5428, 0.3225, 0.5047



74.5428, 0.1940, 0.3671



74.5428, 0.2780, 0.2060



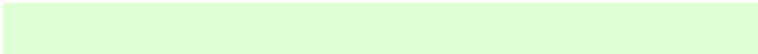
74.5428, 0.4385, 0.2824

Sweetspot

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



74.5460, 0.3225, 0.5047



91.8726, 0.3173, 0.3743



67.7113, 0.4164, 0.4342



19.4816, 0.3179, 0.3802



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.



74.5460, 0.3225, 0.5047



76.3180, 0.3209, 0.5396



72.6969, 0.2900, 0.4737



19.5200, 0.3154, 0.3533



36.8814, 0.3102, 0.5919



3.4637, 0.3183, 0.5855

Inverse Universe

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



31.3095, 0.2856, 0.1799



26.6318, 0.2778, 0.1553



35.3959, 0.3524, 0.2205



17.2920, 0.3098, 0.3053



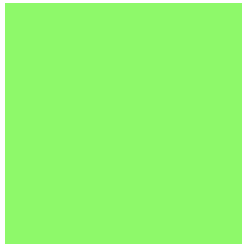
9.3456, 0.2579, 0.1194



0.9155, 0.2657, 0.1238

Previews

White Background



This preview shows how the Yxy color 74.5428, 0.3225, 0.5047 looks on a white background.

Color Contrast Check

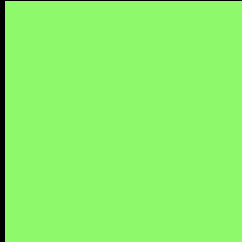
Large Text (above 18pt) WCAG AA × Fail

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 74.5428, 0.3225, 0.5047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

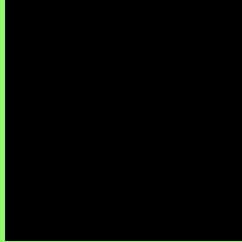
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.5428, 0.3225, 0.5047

Background



This preview shows how black text looks on a background with the Yxy color 74.5428, 0.3225, 0.5047.



This preview shows how white text looks on a background with the Yxy color 74.5428, 0.3225, 0.5047.

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

74.5428, 0.3225, 0.5047

Protanopia

73.4314, 0.4118, 0.4517

Deuteranopia

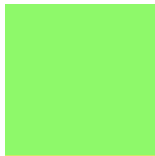
73.1618, 0.3775, 0.3795



Tritanopia

74.2623, 0.2621, 0.3075

Trichromacy



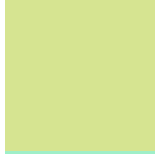
Original Color

74.5428, 0.3225, 0.5047



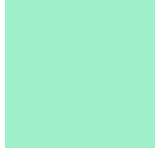
Protanomaly

72.2081, 0.3760, 0.4722



Deuteranomaly

71.8273, 0.3567, 0.4228



Tritanomaly

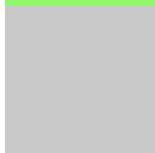
73.2741, 0.2855, 0.3763

Monochromacy



Original Color

74.5428, 0.3225, 0.5047



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

62.5993, 0.3196, 0.3941

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5428, 0.3225, 0.5047 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(142, 249, 106)` looks like.

```
.text, #text, p{  
    color:rgb(142, 249, 106)  
}
```

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(142, 249, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 249, 106) }
```

Border

The CSS property to change the border of an element to Yxy 74.5428, 0.3225, 0.5047 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(142, 249, 106) }
```

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

```
.border{ border-color:rgb(142, 249, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 249, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 249, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 249, 106);  
box-shadow:4px 4px 4px 4px rgb(142, 249,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5428, 0.3225, 0.5047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 249, 106) }
```

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

```
.background{ background-color: rgb(142,  
249, 106) }
```

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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