

Converting Colors

Yxy(74.9703, 0.3302, 0.5168)

Have a look what the booklet for
Yxy(74.9703, 0.3302, 0.5168)
contains.

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Color

Yxy(74.6527, 0.3299, 0.5162)

Conversions

Conversions Part 1

Format	Color
Hex	92F95D
RGB	146, 249, 93
RGB Percent	57%, 98%, 36%
CMY	0.4273, 0.0235, 0.6352
CMYK	0.41, 0.00, 0.63, 0.02
HSL	100°, 93%, 67%
HSV	100°, 63%, 98%
XYZ	47.7100, 74.6527, 22.2570
YIQ	200.4190, -11.3120, -70.3520

Conversions

Conversions Part 2

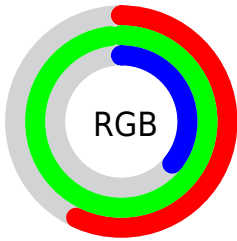
Format	Color
RYB	93, 249, 196
Decimal	9632093
CIELab	89.23, -56.21, 63.62
CIELCh	89, 84.891, 131.462
Yxy	74.6527, 0.3299, 0.5162
Android (android.graphics.Color)	4287822173 (0xFF92F95D)
YUV	200.4190, -52.9576, -47.7255
Hunter-Lab	86.4018, -52.6376, 45.2082

Details

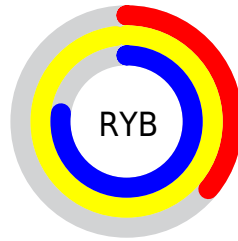
The Yxy color **74.6527, 0.3299, 0.5162** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **26.4102, 0.2693, 0.1624**, and the grayscale version is **58.3764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6691, 0.3408, 0.4452**, and **39.7875, 0.3250, 0.5631** is the 20% darker color. If you saturate the color by 10%, you get **72.8838, 0.3284, 0.5432**, and if you desaturate by 10%, it is **76.7883, 0.3297, 0.4856**.

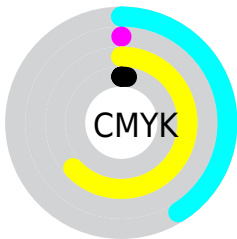
Distribution



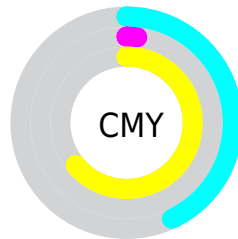
- Red (57%)
- Green (98%)
- Blue (36%)



- Red (36%)
- Yellow (98%)
- Blue (77%)



- Cyan (41%)
- Magenta (0%)
- Yellow (63%)
- Black (2%)




- Cyan (43%)
- Magenta (2%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6527, 0.3299, 0.5162 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 74.6527, 0.3299, 0.5162 by changing the saturation by 10% instead.

 74.6527, 0.3299,
0.5162

 74.6527, 0.3299,
0.5162


476.7230, 0.3282,
0.4249

 55.3284, 0.3283,
0.5373


 125.8206, 0.3309,
0.4841

 39.6647, 0.3252,
0.5630


 158.4330, 0.3308,
0.4717

 27.2772, 0.3194,
0.5949


 196.2436, 0.3305,
0.4611

 17.7815, 0.3089,
0.6345

 239.6368, 0.3301,
0.4519

 10.7933, 0.2922,
0.6898

288.9969, 0.3297,
0.4439

 5.9280, 0.2552,
0.7448


344.7084, 0.3292,

 2.8013, 0.1886,

0.4368

0.8114


407.1556, 0.3287,
0.4305


 1.0289, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 74.6527, 0.3299,
0.5162


 74.6527, 0.3299,
0.5162


 72.8838, 0.3284,
0.5432


 76.7883, 0.3297,
0.4856


 71.4482, 0.3252,
0.5647


 79.3021, 0.3281,
0.4534

 70.3217, 0.3205,
0.5796


 82.2169, 0.3254,
0.4213

 69.6645, 0.3166,
0.5868

 85.5505, 0.3220,
0.3904

 89.3197, 0.3180,
0.3617

 93.5404, 0.3138,
0.3355

 96.2316, 0.3130,
0.3233

Harmonies

Analogous

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



74.6527, 0.4197, 0.4948



74.6527, 0.3299, 0.5162



74.6527, 0.2404, 0.4544

Triad

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



74.6527, 0.3299, 0.5162



74.6527, 0.1561, 0.1974



74.6527, 0.4650, 0.2952

Complementary

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



74.6527, 0.3299, 0.5162



26.4102, 0.2693, 0.1624

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.



74.6527, 0.3692, 0.2380



74.6527, 0.3299, 0.5162



74.6527, 0.1950, 0.1839

Square

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



74.6527, 0.3299, 0.5162



74.6527, 0.1491, 0.2469



74.6527, 0.2682, 0.1987



74.6527, 0.5092, 0.3614

Rectangle

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



74.6527, 0.3299, 0.5162



74.6527, 0.1935, 0.3789



74.6527, 0.2682, 0.1987



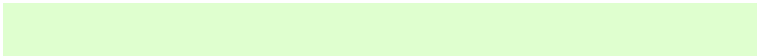
74.6527, 0.4368, 0.2747

Sweetspot

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



74.6559, 0.3299, 0.5162



91.6930, 0.3206, 0.3797



59.6976, 0.4353, 0.4300



19.3902, 0.3217, 0.3882



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.



74.6559, 0.3299, 0.5162



76.5336, 0.3278, 0.5490



71.3513, 0.2945, 0.5055



19.5958, 0.3167, 0.3532



37.3602, 0.3177, 0.5860



3.5161, 0.3267, 0.5788

Inverse Universe

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



26.4102, 0.2693, 0.1624



21.8080, 0.2576, 0.1367



33.4434, 0.3429, 0.2024



17.2120, 0.3083, 0.3052



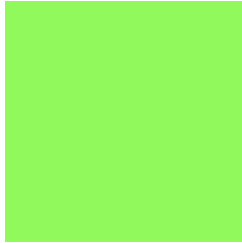
7.9898, 0.2367, 0.1078



0.7984, 0.2469, 0.1134

Previews

White Background



This preview shows how the Yxy color 74.6527, 0.3299, 0.5162 looks on a white background.

Color Contrast Check

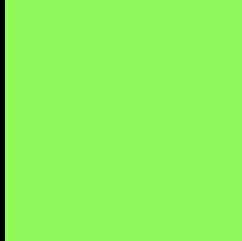
Large Text (above 18pt) WCAG AA × Fail

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 74.6527, 0.3299, 0.5162 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

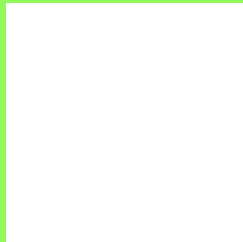
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6527, 0.3299, 0.5162

Background



This preview shows how black text looks on a background with the Yxy color 74.6527, 0.3299, 0.5162.



This preview shows how white text looks on a background with the Yxy color 74.6527, 0.3299, 0.5162.

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

74.6527, 0.3299, 0.5162

Protanopia

73.5870, 0.4191, 0.4594

Deuteranopia

73.6389, 0.3779, 0.3815



Tritanopia

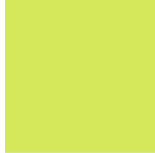
74.0768, 0.2646, 0.3076

Trichromacy



Original Color

74.6527, 0.3299, 0.5162



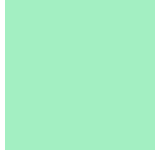
Protanomaly

72.4315, 0.3838, 0.4809



Deuteranomaly

72.3498, 0.3608, 0.4300



Tritanomaly

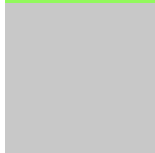
73.4146, 0.2911, 0.3836

Monochromacy



Original Color

74.6527, 0.3299, 0.5162



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

62.4193, 0.3229, 0.4005

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6527, 0.3299, 0.5162 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(146, 249, 93)` looks like.

```
.text, #text, p{  
    color:rgb(146, 249, 93)  
}
```

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(146, 249, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 249, 93) }
```

Border

The CSS property to change the border of an element to Yxy 74.6527, 0.3299, 0.5162 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(146, 249, 93) }
```

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

```
.border{ border-color:rgb(146, 249, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 249, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 249, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 249, 93);  
box-shadow:4px 4px 4px 4px rgb(146, 249,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6527, 0.3299, 0.5162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 249, 93) }
```

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

```
.background{ background-color: rgb(146,  
249, 93) }
```

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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