

Converting Colors

Yxy(73.5382, 0.3197, 0.4672)

Have a look what the booklet for
Yxy(73.5382, 0.3197, 0.4672)
contains.

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Color

Yxy(73.4352, 0.3199, 0.4677)

Conversions

Conversions Part 1

Format	Color
Hex	9CF484
RGB	156, 244, 132
RGB Percent	61%, 96%, 52%
CMY	0.3881, 0.0431, 0.4824
CMYK	0.36, 0.00, 0.46, 0.04
HSL	107°, 84%, 74%
HSV	107°, 46%, 96%
XYZ	50.2286, 73.4352, 33.3497
YIQ	204.9200, -16.4960, -53.4880

Conversions

Conversions Part 2

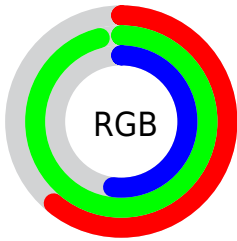
Format	Color
RYB	132, 244, 220
Decimal	10286212
CIELab	88.65, -46.86, 45.62
CIElCh	89, 65.400, 135.764
Yxy	73.4352, 0.3199, 0.4677
Android (android.graphics.Color)	4288476292 (0xFF9CF484)
YUV	204.9200, -35.9496, -42.9028
Hunter-Lab	85.6943, -45.3397, 36.9122

Details

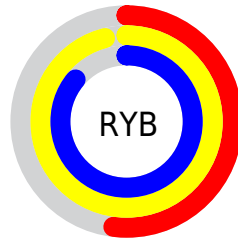
The Yxy color **73.4352, 0.3199, 0.4677** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **38.2385, 0.2964, 0.2096**, and the grayscale version is **61.2419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4040, 0.3259, 0.4021**, and **38.8292, 0.3174, 0.5036** is the 20% darker color. If you saturate the color by 10%, you get **71.0830, 0.3196, 0.5012**, and if you desaturate by 10%, it is **76.2515, 0.3193, 0.4339**.

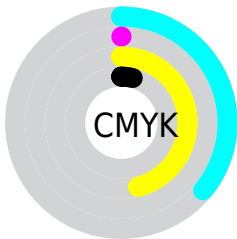
Distribution



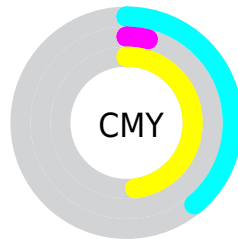
- Red (61%)
- Green (96%)
- Blue (52%)



- Red (52%)
- Yellow (96%)
- Blue (86%)



- Cyan (36%)
- Magenta (0%)
- Yellow (46%)
- Black (4%)





- Cyan (39%)
- Magenta (4%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4352, 0.3199, 0.4677 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 73.4352, 0.3199, 0.4677 by changing the saturation by 10% instead.

 73.4352, 0.3199,
0.4677


 73.4352, 0.3199,
0.4677

472.5218, 0.3197,
0.3996


 54.3319, 0.3190,
0.4840


 124.0948, 0.3206,
0.4434

 38.8671, 0.3174,
0.5043


 156.4200, 0.3206,
0.4342

 26.6563, 0.3144,
0.5303


 193.9211, 0.3205,
0.4263

 17.3153, 0.3088,
0.5645

236.9828, 0.3204,
0.4195

 10.4595, 0.2983,
0.6105

285.9893, 0.3202,
0.4135

 5.7047, 0.2823,
0.6859


341.3250, 0.3201,

 2.6664, 0.2350,


0.4083

0.7650


403.3744, 0.3199,
0.4037


 0.9601, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000

 73.4352, 0.3199,
0.4677


 73.4352, 0.3199,
0.4677


 71.0830, 0.3196,
0.5012

 76.2515, 0.3193,
0.4339


 69.1603, 0.3183,
0.5324


 79.5456, 0.3179,
0.4014

 67.6425, 0.3159,
0.5589


 83.3422, 0.3161,
0.3712

 66.4984, 0.3125,
0.5788

 87.6615, 0.3140,
0.3438

 65.6914, 0.3085,
0.5911

 92.5227, 0.3118,
0.3194

 65.4422, 0.3069,
0.5945

 93.1822, 0.3132,
0.3185

Harmonies

Analogous

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



73.4352, 0.3931, 0.4666



73.4352, 0.3199, 0.4677



73.4352, 0.2487, 0.4121

Triad

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



73.4352, 0.3199, 0.4677



73.4352, 0.1878, 0.2203



73.4352, 0.4389, 0.3121

Complementary

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



73.4352, 0.3199, 0.4677



38.2385, 0.2964, 0.2096

Split Complementary

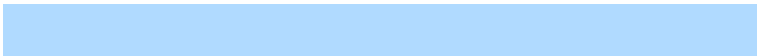
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.4352, 0.3694, 0.2620



73.4352, 0.3199, 0.4677



73.4352, 0.2252, 0.2110

Square

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



73.4352, 0.3199, 0.4677



73.4352, 0.1785, 0.2586



73.4352, 0.2893, 0.2263



73.4352, 0.4681, 0.3689

Rectangle

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



73.4352, 0.3199, 0.4677



73.4352, 0.2121, 0.3562



73.4352, 0.2893, 0.2263



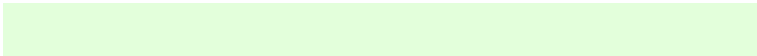
73.4352, 0.4190, 0.2943

Sweetspot

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



73.4383, 0.3199, 0.4677



92.9752, 0.3157, 0.3658



71.9440, 0.3915, 0.4204



19.6909, 0.3162, 0.3720



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.



73.4383, 0.3199, 0.4677



78.7586, 0.3197, 0.4987



72.2766, 0.2903, 0.4323



18.6434, 0.3148, 0.3532



35.6313, 0.3077, 0.5939



3.1745, 0.3157, 0.5875

Inverse Universe

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



38.2385, 0.2964, 0.2096



35.4153, 0.2917, 0.1873



40.4980, 0.3479, 0.2451



16.5783, 0.3103, 0.3054



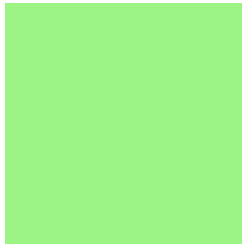
9.6803, 0.2671, 0.1245



0.8944, 0.2741, 0.1284

Previews

White Background



This preview shows how the Yxy color 73.4352, 0.3199, 0.4677 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 73.4352, 0.3199, 0.4677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

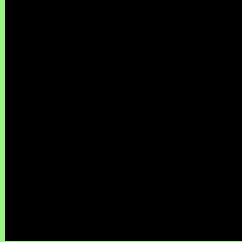
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.4352, 0.3199, 0.4677

Background



This preview shows how black text looks on a background with the Yxy color 73.4352, 0.3199, 0.4677.

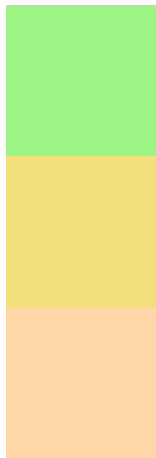


This preview shows how white text looks on a background with the Yxy color 73.4352, 0.3199, 0.4677.

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

73.4352, 0.3199, 0.4677

Protanopia

72.7525, 0.3946, 0.4303

Deuteranopia

72.1803, 0.3774, 0.3765



Tritanopia

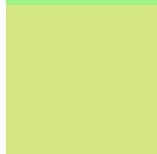
73.3385, 0.2686, 0.3087

Trichromacy



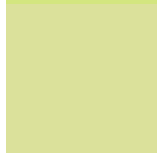
Original Color

73.4352, 0.3199, 0.4677



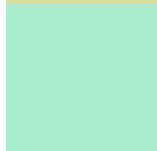
Protanomaly

71.9748, 0.3645, 0.4448



Deuteranomaly

71.2771, 0.3549, 0.4077



Tritanomaly

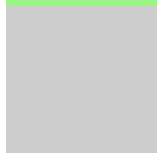
72.8822, 0.2878, 0.3648

Monochromacy



Original Color

73.4352, 0.3199, 0.4677



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

64.4422, 0.3168, 0.3790

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4352, 0.3199, 0.4677 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(156, 244, 132)` looks like.

```
.text, #text, p{  
    color:rgb(156, 244, 132)  
}
```

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(156, 244, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 244, 132) }
```

Border

The CSS property to change the border of an element to Yxy 73.4352, 0.3199, 0.4677 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(156, 244, 132) }
```

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

```
.border{ border-color:rgb(156, 244, 132) }
```

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

Here you see how a box with a 4 pixel rgb(156, 244, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 244, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 244, 132);  
box-shadow:4px 4px 4px 4px rgb(156, 244,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4352, 0.3199, 0.4677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 244, 132) }
```

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

```
.background{ background-color: rgb(156,  
244, 132) }
```

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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