

Converting Colors

$Yxy(73.5086, 0.3005, 0.4282)$

Have a look what the booklet for
Yxy(73.5086, 0.3005, 0.4282)
contains.

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Color

Yxy(73.3608, 0.3005, 0.4279)

Conversions

Conversions Part 1

Format	Color
Hex	97F3A4
RGB	151, 243, 164
RGB Percent	59%, 95%, 64%
CMY	0.4077, 0.0471, 0.3569
CMYK	0.38, 0.00, 0.33, 0.05
HSL	128°, 79%, 77%
HSV	128°, 38%, 95%
XYZ	51.5189, 73.3608, 46.5641
YIQ	206.4860, -29.4730, -44.0730

Conversions

Conversions Part 2

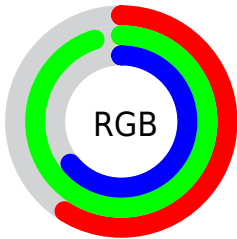
Format	Color
RYB	151, 232, 243
Decimal	9958308
CIELab	88.62, -43.27, 29.70
CIELCh	89, 52.482, 145.539
Yxy	73.3608, 0.3005, 0.4279
Android (android.graphics.Color)	4288148388 (0xFF97F3A4)
YUV	206.4860, -20.9456, -48.6612
Hunter-Lab	85.6509, -42.5217, 27.7226

Details

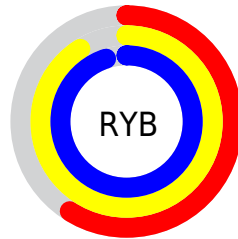
The Yxy color **73.3608, 0.3005, 0.4279** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **46.9161, 0.3282, 0.2471**, and the grayscale version is **62.2072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0444, 0.3042, 0.3674**, and **38.7206, 0.2951, 0.4534** is the 20% darker color. If you saturate the color by 10%, you get **70.5794, 0.2978, 0.4596**, and if you desaturate by 10%, it is **76.7513, 0.3036, 0.3980**.

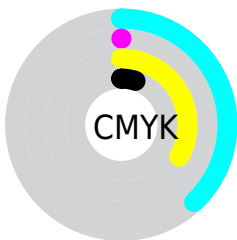
Distribution



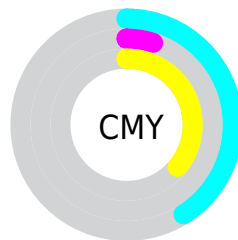
- Red (59%)
- Green (95%)
- Blue (64%)



- Red (59%)
- Yellow (91%)
- Blue (95%)



- Cyan (38%)
- Magenta (0%)
- Yellow (33%)
- Black (5%)




- Cyan (41%)
- Magenta (5%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3608, 0.3005, 0.4279 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 73.3608, 0.3005, 0.4279 by changing the saturation by 10% instead.


 73.3608, 0.3005,
0.4279


 73.3608, 0.3005,
0.4279


472.2643, 0.3077,
0.3794

 54.2710, 0.2984,
0.4396


 123.9893, 0.3033,
0.4106

 38.8184, 0.2957,
0.4544

 156.2968, 0.3043,
0.4040

 26.6185, 0.2918,
0.4736


193.7790, 0.3051,
0.3984

 17.2869, 0.2860,
0.4994

236.8203, 0.3058,
0.3935

 10.4393, 0.2769,
0.5358

285.8051, 0.3064,
0.3893

 5.6912, 0.2611,
0.5902


341.1177, 0.3069,

 2.6582, 0.2424,


0.3856

0.7125

403.1427, 0.3073,
0.3824


 0.9560, 0.0000,
1.0000

 0.0000, 0.0000,
0.0000

 73.3608, 0.3005,
0.4279


 73.3608, 0.3005,
0.4279


 70.5794, 0.2978,
0.4596

 76.7513, 0.3036,
0.3980

 68.3623, 0.2958,
0.4918

 80.7744, 0.3069,
0.3706

 66.6730, 0.2946,
0.5228

 85.4635, 0.3102,
0.3461

 65.4669, 0.2944,
0.5503

 90.8472, 0.3134,
0.3246

■ 64.6919, 0.2953,
0.5724

■ 92.5805, 0.3133,
0.3175

■ 64.2791, 0.2970,
0.5878

■ 64.2174, 0.2973,
0.5903

Harmonies

Analogous

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



73.3608, 0.3618, 0.4442



73.3608, 0.3005, 0.4279



73.3608, 0.2456, 0.3741

Triad

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



73.3608, 0.3005, 0.4279



73.3608, 0.2170, 0.2346



73.3608, 0.4260, 0.3321

Complementary

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



73.3608, 0.3005, 0.4279



46.9161, 0.3282, 0.2471

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.



73.3608, 0.3790, 0.2869



73.3608, 0.3005, 0.4279



73.3608, 0.2565, 0.2330

Square

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



73.3608, 0.3005, 0.4279



73.3608, 0.2012, 0.2597



73.3608, 0.3151, 0.2518



73.3608, 0.4378, 0.3804

Rectangle

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



73.3608, 0.3005, 0.4279



73.3608, 0.2196, 0.3301



73.3608, 0.3151, 0.2518



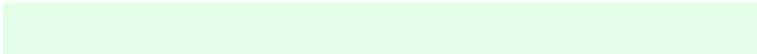
73.3608, 0.4136, 0.3164

Sweetspot

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



73.3639, 0.3005, 0.4279



93.6068, 0.3091, 0.3536



83.2815, 0.3608, 0.4261



19.8810, 0.3087, 0.3569



0.0000, 0.0000, 0.0000



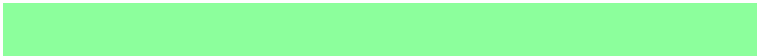
21.4041, 0.3127, 0.3290

Same Dimension

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



73.3639, 0.3005, 0.4279



79.5317, 0.2985, 0.4509



75.3010, 0.2767, 0.3696



18.5101, 0.3096, 0.3500



35.2567, 0.2968, 0.5886



3.1102, 0.2917, 0.5701

Inverse Universe

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



46.9161, 0.3282, 0.2471



46.3114, 0.3319, 0.2321



44.6932, 0.3714, 0.2924



16.7258, 0.3160, 0.3089



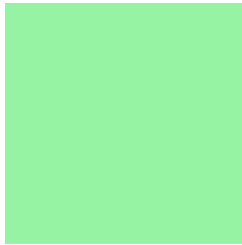
12.9932, 0.3601, 0.1757



1.1528, 0.3544, 0.1726

Previews

White Background



This preview shows how the Yxy color 73.3608, 0.3005, 0.4279 looks on a white background.

Color Contrast Check

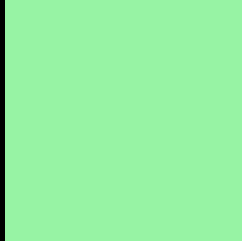
Large Text (above 18pt) WCAG AA × Fail

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 73.3608, 0.3005, 0.4279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

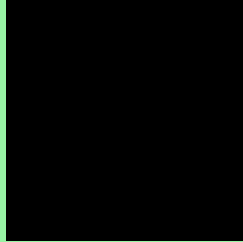
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.3608, 0.3005, 0.4279

Background



This preview shows how black text looks on a background with the Yxy color 73.3608, 0.3005, 0.4279.

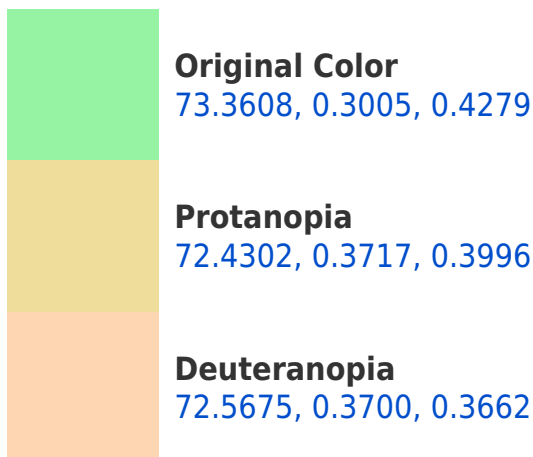


This preview shows how white text looks on a background with the Yxy color 73.3608, 0.3005, 0.4279.

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





Tritanopia

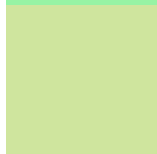
73.1133, 0.2634, 0.3074

Trichromacy



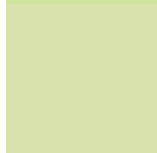
Original Color

73.3608, 0.3005, 0.4279



Protanomaly

71.7726, 0.3429, 0.4107



Deuteranomaly

71.6193, 0.3415, 0.3877



Tritanomaly

72.7868, 0.2767, 0.3491

Monochromacy



Original Color

73.3608, 0.3005, 0.4279



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

64.8637, 0.3076, 0.3629

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3608, 0.3005, 0.4279 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(151, 243, 164)` looks like.

```
.text, #text, p{  
    color:rgb(151, 243, 164)  
}
```

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(151, 243, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 243, 164) }
```

Border

The CSS property to change the border of an element to Yxy 73.3608, 0.3005, 0.4279 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(151, 243, 164) }
```

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

```
.border{ border-color:rgb(151, 243, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 243, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 243, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 243, 164);  
box-shadow:4px 4px 4px 4px rgb(151, 243,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3608, 0.3005, 0.4279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 243, 164) }
```

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

```
.background{ background-color: rgb(151,  
243, 164) }
```

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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