

Converting Colors

Yxy(72.9363, 0.3115, 0.4559)

Have a look what the booklet for
Yxy(72.9363, 0.3115, 0.4559)
contains.

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Color

Yxy(73.2337, 0.3118, 0.4568)

Conversions

Conversions Part 1

Format	Color
Hex	97F48E
RGB	151, 244, 142
RGB Percent	59%, 96%, 56%
CMY	0.4081, 0.0431, 0.4431
CMYK	0.38, 0.00, 0.42, 0.04
HSL	115°, 82%, 76%
HSV	115°, 42%, 96%
XYZ	49.9875, 73.2337, 37.0978
YIQ	204.5650, -22.6860, -51.4380

Conversions

Conversions Part 2

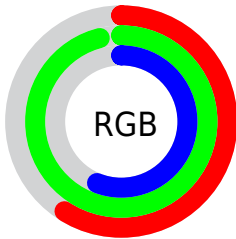
Format	Color
RYB	142, 244, 235
Decimal	9958542
CIELab	88.56, -47.09, 40.59
CIElCh	89, 62.168, 139.244
Yxy	73.2337, 0.3118, 0.4568
Android (android.graphics.Color)	4288148622 (0xFF97F48E)
YUV	204.5650, -30.8445, -46.9765
Hunter-Lab	85.5767, -45.4930, 34.2013

Details

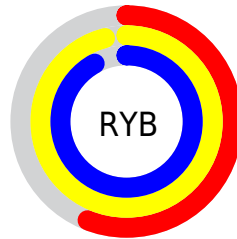
The Yxy color **73.2337, 0.3118, 0.4568** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **43.5625, 0.3097, 0.2238**, and the grayscale version is **60.9633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9611, 0.3165, 0.3919**, and **38.7117, 0.3084, 0.4906** is the 20% darker color. If you saturate the color by 10%, you get **70.6502, 0.3107, 0.4921**, and if you desaturate by 10%, it is **76.3862, 0.3125, 0.4221**.

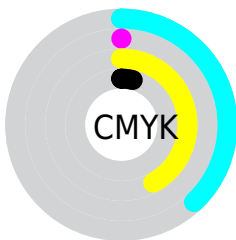
Distribution



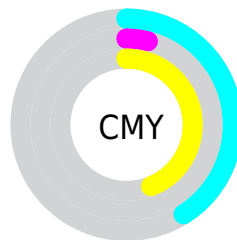
- Red (59%)
- Green (96%)
- Blue (56%)



- Red (56%)
- Yellow (96%)
- Blue (92%)



- Cyan (38%)
- Magenta (0%)
- Yellow (42%)
- Black (4%)



- Cyan (41%)
- Magenta (4%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2337, 0.3118, 0.4568 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 73.2337, 0.3118, 0.4568 by changing the saturation by 10% instead.


 73.2337, 0.3118,
0.4568


 73.2337, 0.3118,
0.4568


471.8244, 0.3148,
0.3939

 54.1671, 0.3104,
0.4719


 123.8089, 0.3134,
0.4343

 38.7353, 0.3081,
0.4910

 156.0863, 0.3139,
0.4258

 26.5538, 0.3046,
0.5155


193.5361, 0.3142,
0.4185

 17.2384, 0.2987,
0.5482

236.5426, 0.3144,
0.4122

 10.4046, 0.2883,
0.5930

285.4903, 0.3146,
0.4067

 5.6681, 0.2697,
0.6599

340.7636, 0.3147,

 2.6443, 0.2330,

0.4019

0.7670

402.7468, 0.3148,
0.3977

0.9490, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

73.2337, 0.3118,
0.4568

73.2337, 0.3118,
0.4568

70.6502, 0.3107,
0.4921

76.3862, 0.3125,
0.4221

68.5930, 0.3092,
0.5258

80.1288, 0.3128,
0.3894

67.0284, 0.3073,
0.5553

84.4932, 0.3129,
0.3598

65.9149, 0.3052,
0.5781

89.5056, 0.3128,
0.3334

■ 65.2038, 0.3030,
0.5926

■ 93.1902, 0.3132,
0.3185

■ 64.8733, 0.3016,
0.5988

Harmonies

Analogous

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



73.2337, 0.3826, 0.4628



73.2337, 0.3118, 0.4568



73.2337, 0.2450, 0.3991

Triad

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



73.2337, 0.3118, 0.4568



73.2337, 0.1957, 0.2226



73.2337, 0.4384, 0.3194

Complementary

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



73.2337, 0.3118, 0.4568



43.5625, 0.3097, 0.2238

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.



73.2337, 0.3757, 0.2699



73.2337, 0.3118, 0.4568



73.2337, 0.2350, 0.2163

Square

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



73.2337, 0.3118, 0.4568



73.2337, 0.1836, 0.2564



73.2337, 0.2990, 0.2335



73.2337, 0.4611, 0.3745

Rectangle

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



73.2337, 0.3118, 0.4568



73.2337, 0.2118, 0.3457



73.2337, 0.2990, 0.2335



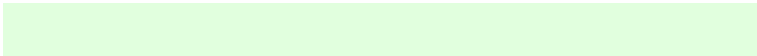
73.2337, 0.4209, 0.3020

Sweetspot

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



73.2368, 0.3118, 0.4568



92.7530, 0.3129, 0.3632



79.9296, 0.3792, 0.4235



19.6157, 0.3129, 0.3696



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.



73.2368, 0.3118, 0.4568



78.5240, 0.3109, 0.4862



73.8738, 0.2857, 0.4056



18.5412, 0.3129, 0.3534



35.2936, 0.3020, 0.5984



3.1252, 0.3065, 0.5948

Inverse Universe

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



43.5625, 0.3097, 0.2238



41.7350, 0.3086, 0.2045



42.9090, 0.3555, 0.2639



16.6903, 0.3124, 0.3056



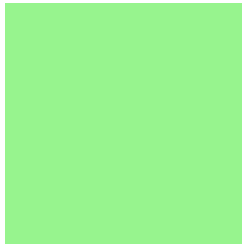
12.0837, 0.2990, 0.1421



1.0833, 0.3019, 0.1437

Previews

White Background



This preview shows how the Yxy color 73.2337, 0.3118, 0.4568 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 73.2337, 0.3118, 0.4568 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

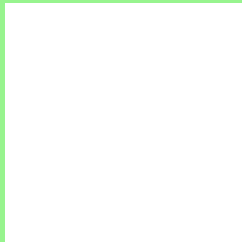
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2337, 0.3118, 0.4568

Background



This preview shows how black text looks on a background with the Yxy color 73.2337, 0.3118, 0.4568.



This preview shows how white text looks on a background with the Yxy color 73.2337, 0.3118, 0.4568.

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

73.2337, 0.3118, 0.4568

Protanopia

72.2836, 0.3887, 0.4212

Deuteranopia

72.2554, 0.3760, 0.3745



Tritanopia

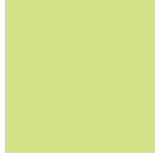
72.7119, 0.2648, 0.3074

Trichromacy



Original Color

73.2337, 0.3118, 0.4568



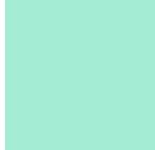
Protanomaly

71.3715, 0.3581, 0.4349



Deuteranomaly

71.1402, 0.3501, 0.4025



Tritanomaly

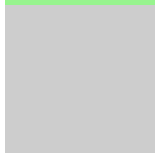
72.5866, 0.2821, 0.3588

Monochromacy



Original Color

73.2337, 0.3118, 0.4568



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

64.3547, 0.3127, 0.3742

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2337, 0.3118, 0.4568 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, 244, 142)` looks like.

```
.text, #text, p{  
    color:rgb(151, 244, 142)  
}
```

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, 244, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 244, 142) }
```

Border

The CSS property to change the border of an element to Yxy 73.2337, 0.3118, 0.4568 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, 244, 142) }
```

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

```
.border{ border-color:rgb(151, 244, 142) }
```

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

Here you see how a box with a 4 pixel rgb(151, 244, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 244, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 244, 142);  
box-shadow:4px 4px 4px 4px rgb(151, 244,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2337, 0.3118, 0.4568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 244, 142) }
```

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

```
.background{ background-color: rgb(151,  
244, 142) }
```

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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