

Converting Colors

Yxy(67.6179, 0.3094, 0.4519)

Have a look what the booklet for
Yxy(67.6179, 0.3094, 0.4519)
contains.

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Color

Yxy(67.3595, 0.3094, 0.4511)

Conversions

Conversions Part 1

Format	Color
Hex	91EB8D
RGB	145, 235, 141
RGB Percent	57%, 92%, 55%
CMY	0.4311, 0.0784, 0.4471
CMYK	0.38, 0.00, 0.40, 0.08
HSL	117°, 70%, 74%
HSV	117°, 40%, 92%
XYZ	46.2005, 67.3595, 35.7628
YIQ	197.3740, -23.4660, -48.3140

Conversions

Conversions Part 2

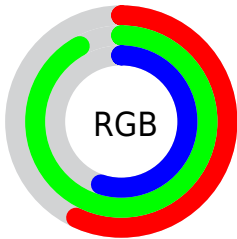
Format	Color
RYB	141, 235, 231
Decimal	9563021
CIELab	85.69, -45.17, 37.33
CIElCh	86, 58.594, 140.428
Yxy	67.3595, 0.3094, 0.4511
Android (android.graphics.Color)	4287753101 (0xFF91EB8D)
YUV	197.3740, -27.7924, -45.9320
Hunter-Lab	82.0728, -43.1462, 31.6157

Details

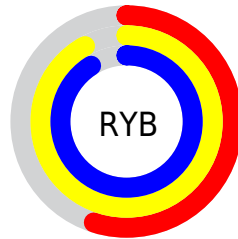
The Yxy color **67.3595, 0.3094, 0.4511** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **42.0232, 0.3137, 0.2294**, and the grayscale version is **56.2637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0621, 0.3133, 0.3937**, and **35.0853, 0.3053, 0.4860** is the 20% darker color. If you saturate the color by 10%, you get **64.8901, 0.3080, 0.4868**, and if you desaturate by 10%, it is **70.3872, 0.3106, 0.4163**.

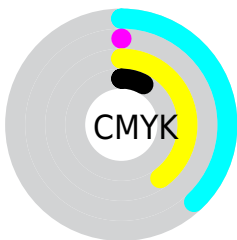
Distribution



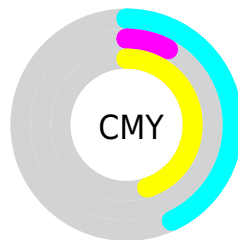
- Red (57%)
- Green (92%)
- Blue (55%)



- Red (55%)
- Yellow (92%)
- Blue (91%)



- Cyan (38%)
- Magenta (0%)
- Yellow (40%)
- Black (8%)





- Cyan (43%)
- Magenta (8%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.3595, 0.3094, 0.4511 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 67.3595, 0.3094, 0.4511 by changing the saturation by 10% instead.


 67.3595, 0.3094,
0.4511

 67.3595, 0.3094,
0.4511

451.2233, 0.3133,
0.3902

 49.3768, 0.3078,
0.4660

 115.4354, 0.3113,
0.4291

 34.9185, 0.3054,
0.4850


 146.2974, 0.3119,
0.4208

 23.6001, 0.3016,
0.5097


182.2213, 0.3123,
0.4138

 15.0372, 0.2953,
0.5431


223.5915, 0.3126,
0.4077

 8.8455, 0.2841,
0.5899

270.7925, 0.3129,
0.4024

 4.6406, 0.2652,
0.6651

324.2085, 0.3130,

 2.0380, 0.2119,

0.3978

0.7881

384.2240, 0.3132,
0.3938

0.6294, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

67.3595, 0.3094,
0.4511

67.3595, 0.3094,
0.4511

64.8901, 0.3080,
0.4868

70.3872, 0.3106,
0.4163

62.9370, 0.3064,
0.5214


73.9953, 0.3115,
0.3840


61.4660, 0.3048,
0.5520

78.2150, 0.3122,
0.3548

60.4352, 0.3031,
0.5760

83.0729, 0.3127,
0.3290

 59.7955, 0.3017,
0.5917

 87.8942, 0.3136,
0.3097

 59.4797, 0.3007,
0.5995

Harmonies

Analogous

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



67.3595, 0.3784, 0.4595



67.3595, 0.3094, 0.4511



67.3595, 0.2449, 0.3938

Triad

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



67.3595, 0.3094, 0.4511



67.3595, 0.1998, 0.2248



67.3595, 0.4362, 0.3221

Complementary

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



67.3595, 0.3094, 0.4511



42.0232, 0.3137, 0.2294

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.



67.3595, 0.3767, 0.2733



67.3595, 0.3094, 0.4511



67.3595, 0.2392, 0.2195

Square

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



67.3595, 0.3094, 0.4511



67.3595, 0.1869, 0.2568



67.3595, 0.3024, 0.2371



67.3595, 0.4566, 0.3759

Rectangle

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



67.3595, 0.3094, 0.4511



67.3595, 0.2132, 0.3423



67.3595, 0.3024, 0.2371



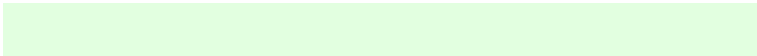
67.3595, 0.4198, 0.3049

Sweetspot

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



67.3623, 0.3094, 0.4511



93.0477, 0.3121, 0.3605



76.3426, 0.3744, 0.4237



19.7685, 0.3120, 0.3642



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.



67.3623, 0.3094, 0.4511



78.5967, 0.3083, 0.4805



68.5076, 0.2842, 0.3952



16.8932, 0.3122, 0.3533



33.1186, 0.3009, 0.5993



2.6116, 0.3035, 0.5972

Inverse Universe

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



42.0232, 0.3137, 0.2294



44.1553, 0.3136, 0.2107



40.5462, 0.3577, 0.2717



15.2786, 0.3131, 0.3057



12.2474, 0.3101, 0.1482



0.9720, 0.3117, 0.1491

Previews

White Background



This preview shows how the Yxy color 67.3595, 0.3094, 0.4511 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 67.3595, 0.3094, 0.4511 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 67.3595, 0.3094, 0.4511

Background



This preview shows how black text looks on a background with the Yxy color 67.3595, 0.3094, 0.4511.



This preview shows how white text looks on a background with the Yxy color 67.3595, 0.3094, 0.4511.

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

67.3595, 0.3094, 0.4511

Protanopia

66.4102, 0.3850, 0.4175

Deuteranopia

66.3947, 0.3955, 0.3872



Tritanopia

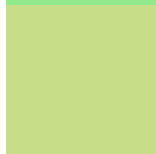
67.0187, 0.2645, 0.3078

Trichromacy



Original Color

67.3595, 0.3094, 0.4511



Protanomaly

65.7415, 0.3543, 0.4309



Deuteranomaly

64.9414, 0.3608, 0.4100



Tritanomaly

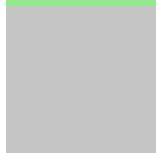
66.5140, 0.2806, 0.3562

Monochromacy



Original Color

67.3595, 0.3094, 0.4511



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

59.2278, 0.3114, 0.3720

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3595, 0.3094, 0.4511 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(145, 235, 141)` looks like.

```
.text, #text, p{  
    color:rgb(145, 235, 141)  
}
```

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(145, 235, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 235, 141) }
```

Border

The CSS property to change the border of an element to Yxy 67.3595, 0.3094, 0.4511 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(145, 235, 141) }
```

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

```
.border{ border-color:rgb(145, 235, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 235, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 235, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 235, 141); box-shadow:4px 4px 4px 4px rgb(145, 235, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3595, 0.3094, 0.4511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 235, 141) }
```

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

```
.background{ background-color: rgb(145,  
235, 141) }
```

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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