

Converting Colors

$Yxy(66.9053, 0.3080, 0.4453)$

Have a look what the booklet for
Yxy(66.9053, 0.3080, 0.4453)
contains.

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Color

Yxy(67.0010, 0.3079, 0.4447)

Conversions

Conversions Part 1

Format	Color
Hex	92EA91
RGB	146, 234, 145
RGB Percent	57%, 92%, 57%
CMY	0.4274, 0.0823, 0.4314
CMYK	0.38, 0.00, 0.38, 0.08
HSL	119°, 68%, 74%
HSV	119°, 38%, 92%
XYZ	46.3899, 67.0010, 37.2747
YIQ	197.5420, -23.8790, -46.3350

Conversions

Conversions Part 2

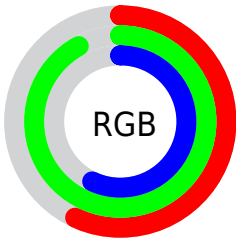
Format	Color
RYB	145, 234, 233
Decimal	9628305
CIELab	85.50, -43.85, 35.10
CIELCh	86, 56.166, 141.326
Yxy	67.0010, 0.3079, 0.4447
Android (android.graphics.Color)	4287818385 (0xFF92EA91)
YUV	197.5420, -25.9032, -45.2023
Hunter-Lab	81.8541, -42.0818, 30.2985

Details

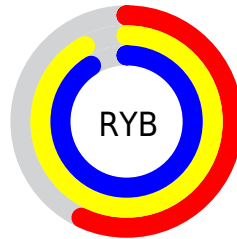
The Yxy color **67.0010, 0.3079, 0.4447** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **43.5124, 0.3162, 0.2349**, and the grayscale version is **56.3541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3866, 0.3117, 0.3891**, and **34.8048, 0.3036, 0.4779** is the 20% darker color. If you saturate the color by 10%, you get **64.4446, 0.3063, 0.4807**, and if you desaturate by 10%, it is **70.1406, 0.3094, 0.4100**.

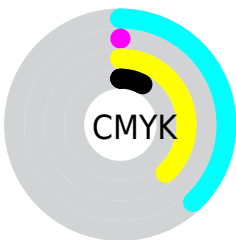
Distribution



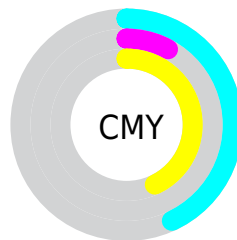
- Red (57%)
- Green (92%)
- Blue (57%)



- Red (57%)
- Yellow (92%)
- Blue (91%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.0010, 0.3079, 0.4447 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 67.0010, 0.3079, 0.4447 by changing the saturation by 10% instead.

 67.0010, 0.3079,
0.4447


 67.0010, 0.3079,
0.4447


449.9483, 0.3123,
0.3870

 49.0854, 0.3063,
0.4589


 114.9218, 0.3099,
0.4239

 34.6873, 0.3038,
0.4769


 145.6959, 0.3105,
0.4160

 23.4221, 0.3001,
0.5004


181.5250, 0.3110,
0.4093

 14.9055, 0.2941,
0.5323

222.7933, 0.3114,
0.4036

 8.7531, 0.2836,
0.5774

269.8855, 0.3117,
0.3986

 4.5805, 0.2648,
0.6475

323.1858, 0.3119,

 2.0033, 0.2188,

0.3942

0.7812

383.0786, 0.3121,
0.3904

0.6094, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

67.0010, 0.3079,
0.4447

67.0010, 0.3079,
0.4447

64.4446, 0.3063,
0.4807

70.1406, 0.3094,
0.4100

62.4277, 0.3047,
0.5159

73.8872, 0.3107,
0.3781

60.9141, 0.3031,
0.5476

78.2736, 0.3119,
0.3495

59.8595, 0.3018,
0.5731

83.3275, 0.3129,
0.3243

■ 59.2120, 0.3008,
0.5902

■ 87.3268, 0.3137,
0.3088

■ 58.9035, 0.3002,
0.5987

■ 58.8640, 0.3002,
0.5999

Harmonies

Analogous

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



67.0010, 0.3745, 0.4548



67.0010, 0.3079, 0.4447



67.0010, 0.2461, 0.3890

Triad

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



67.0010, 0.3079, 0.4447



67.0010, 0.2044, 0.2280



67.0010, 0.4325, 0.3242

Complementary

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



67.0010, 0.3079, 0.4447



43.5124, 0.3162, 0.2349

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.



67.0010, 0.3763, 0.2766



67.0010, 0.3079, 0.4447



67.0010, 0.2435, 0.2234

Square

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



67.0010, 0.3079, 0.4447



67.0010, 0.1912, 0.2585



67.0010, 0.3050, 0.2410



67.0010, 0.4510, 0.3765

Rectangle

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



67.0010, 0.3079, 0.4447



67.0010, 0.2157, 0.3398



67.0010, 0.3050, 0.2410



67.0010, 0.4171, 0.3075

Sweetspot

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



67.0038, 0.3079, 0.4447



93.4383, 0.3116, 0.3577



77.5428, 0.3703, 0.4220



19.8412, 0.3114, 0.3616



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.



67.0038, 0.3079, 0.4447



78.8389, 0.3066, 0.4741



68.4982, 0.2838, 0.3873



16.8704, 0.3117, 0.3533



33.0815, 0.3002, 0.5998



2.6006, 0.3009, 0.5993

Inverse Universe

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



43.5124, 0.3162, 0.2349



46.3173, 0.3168, 0.2163



41.5046, 0.3577, 0.2777



15.3045, 0.3136, 0.3058



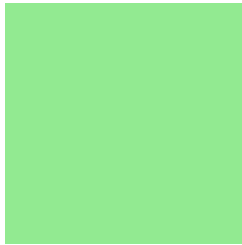
12.9194, 0.3181, 0.1526



1.0173, 0.3185, 0.1528

Previews

White Background



This preview shows how the Yxy color 67.0010, 0.3079, 0.4447 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 67.0010, 0.3079, 0.4447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

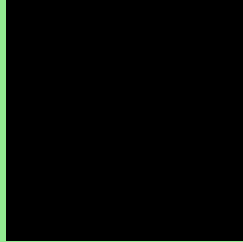
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.0010, 0.3079, 0.4447

Background



This preview shows how black text looks on a background with the Yxy color 67.0010, 0.3079, 0.4447.



This preview shows how white text looks on a background with the Yxy color 67.0010, 0.3079, 0.4447.

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

67.0010, 0.3079, 0.4447

Protanopia

66.3550, 0.3814, 0.4136

Deuteranopia

66.1482, 0.3908, 0.3835



Tritanopia

66.9591, 0.2650, 0.3090

Trichromacy



Original Color

67.0010, 0.3079, 0.4447



Protanomaly

65.8563, 0.3518, 0.4263



Deuteranomaly

64.9169, 0.3572, 0.4056



Tritanomaly

66.5140, 0.2806, 0.3562

Monochromacy



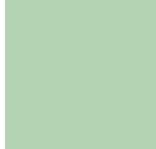
Original Color

67.0010, 0.3079, 0.4447



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

59.4269, 0.3108, 0.3693

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0010, 0.3079, 0.4447 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, 234, 145)` looks like.

```
.text, #text, p{  
    color:rgb(146, 234, 145)  
}
```

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, 234, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 234, 145) }
```

Border

The CSS property to change the border of an element to Yxy 67.0010, 0.3079, 0.4447 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, 234, 145) }
```

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

```
.border{ border-color:rgb(146, 234, 145) }
```

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

Here you see how a box with a 4 pixel rgb(146, 234, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 234, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 234, 145);  
box-shadow:4px 4px 4px 4px rgb(146, 234,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0010, 0.3079, 0.4447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 234, 145) }
```

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

```
.background{ background-color: rgb(146,  
234, 145) }
```

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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