

Converting Colors

Yxy(62.8912, 0.3474, 0.4438)

Have a look what the booklet for
Yxy(62.8912, 0.3474, 0.4438)
contains.

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Color

Yxy(62.9091, 0.3471, 0.4439)

Conversions

Conversions Part 1

Format	Color
Hex	B8DC7F
RGB	184, 220, 127
RGB Percent	72%, 86%, 50%
CMY	0.2784, 0.1372, 0.5021
CMYK	0.16, 0.00, 0.42, 0.14
HSL	83°, 57%, 68%
HSV	83°, 42%, 86%
XYZ	49.1907, 62.9091, 29.6193
YIQ	198.6340, 8.3970, -36.5550

Conversions

Conversions Part 2

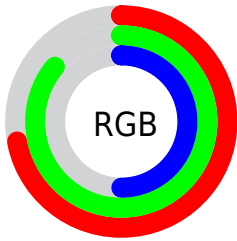
Format	Color
RYB	127, 220, 163
Decimal	12115071
CIELab	83.39, -26.99, 41.78
CIElCh	83, 49.739, 122.859
Yxy	62.9091, 0.3471, 0.4439
Android (android.graphics.Color)	4290305151 (0xFFB8DC7F)
YUV	198.6340, -35.3156, -12.8340
Hunter-Lab	79.3153, -28.0974, 33.3796

Details

The Yxy color **62.9091, 0.3471, 0.4439** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **28.1237, 0.2637, 0.2083**, and the grayscale version is **57.0945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5570, 0.3472, 0.4042**, and **32.0992, 0.3518, 0.4742** is the 20% darker color. If you saturate the color by 10%, you get **61.3796, 0.3531, 0.4718**, and if you desaturate by 10%, it is **64.6327, 0.3398, 0.4153**.

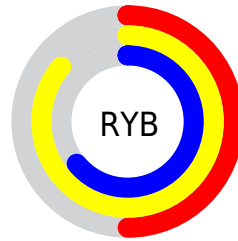
Distribution



Red (72%)

Green (86%)

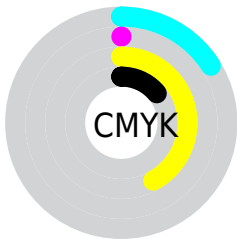
Blue (50%)



Red (50%)

Yellow (86%)

Blue (64%)

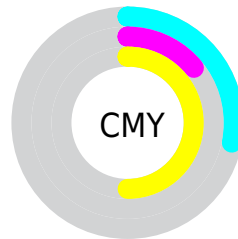


Cyan (16%)

Magenta (0%)

Yellow (42%)

Black (14%)



Cyan (28%)


Magenta (14%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9091, 0.3471, 0.4439 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 62.9091, 0.3471, 0.4439 by changing the saturation by 10% instead.

 62.9091, 0.3471,
0.4439


 62.9091, 0.3471,
0.4439


435.2395, 0.3329,
0.3874


 45.7677, 0.3497,
0.4574


 109.0384, 0.3427,
0.4237

 32.0625, 0.3524,
0.4744


 138.7950, 0.3408,
0.4160

 21.4093, 0.3550,
0.4961


 173.5255, 0.3391,
0.4095

 13.4235, 0.3569,
0.5246

213.6142, 0.3376,
0.4038

 7.7208, 0.3562,
0.5628

259.4456, 0.3362,
0.3989

 3.9168, 0.3612,
0.6388

311.4040, 0.3350,

 1.6271, 0.3157,

0.3946

0.6843

369.8738, 0.3339,
0.3908

0.3758, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.9091, 0.3471,
0.4439

62.9091, 0.3471,
0.4439

61.3796, 0.3531,
0.4718

64.6327, 0.3398,
0.4153

60.0265, 0.3572,
0.4977


66.5506, 0.3317,
0.3870

58.8422, 0.3592,
0.5203

68.6735, 0.3232,
0.3600

57.8149, 0.3588,
0.5384

71.0089, 0.3147,
0.3345


 56.9308, 0.3559,
0.5513


 73.5638, 0.3063,
0.3111

 56.3293, 0.3525,
0.5583

 76.0861, 0.3007,
0.2935

 77.5708, 0.3065,
0.2942

 79.1258, 0.3123,
0.2948

 79.6692, 0.3143,
0.2950

Harmonies

Analogous

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



62.9091, 0.4019, 0.4303



62.9091, 0.3471, 0.4439



62.9091, 0.2860, 0.4173

Triad

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



62.9091, 0.3471, 0.4439



62.9091, 0.2030, 0.2515



62.9091, 0.3928, 0.2973

Complementary

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



62.9091, 0.3471, 0.4439



28.1237, 0.2637, 0.2083

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.



62.9091, 0.3309, 0.2592



62.9091, 0.3471, 0.4439



62.9091, 0.2247, 0.2324

Square

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



62.9091, 0.3471, 0.4439



62.9091, 0.2063, 0.2952



62.9091, 0.2695, 0.2360



62.9091, 0.4321, 0.3439

Rectangle

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



62.9091, 0.3471, 0.4439



62.9091, 0.2500, 0.3797



62.9091, 0.2695, 0.2360



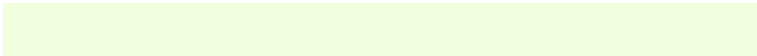
62.9091, 0.3735, 0.2833

Sweetspot

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



62.9119, 0.3471, 0.4439



95.6936, 0.3239, 0.3621



42.8136, 0.4030, 0.3720



20.3368, 0.3258, 0.3681



0.0000, 0.0000, 0.0000



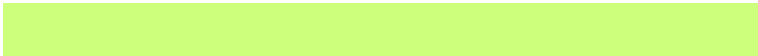
21.4041, 0.3127, 0.3290

Same Dimension

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



62.9119, 0.3471, 0.4439



85.9324, 0.3526, 0.4695



58.1095, 0.3136, 0.4569



14.9993, 0.3208, 0.3525



33.1234, 0.3535, 0.5575



2.1950, 0.3641, 0.5491

Inverse Universe

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



28.1237, 0.2637, 0.2083



31.0204, 0.2500, 0.1799



33.9173, 0.3071, 0.2223



12.8616, 0.3041, 0.3053



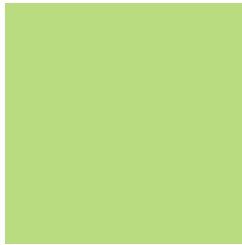
4.2295, 0.1828, 0.0781



0.3228, 0.2013, 0.0883

Previews

White Background



This preview shows how the Yxy color 62.9091, 0.3471, 0.4439 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 62.9091, 0.3471, 0.4439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

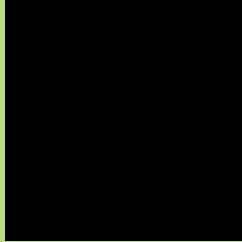
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.9091, 0.3471, 0.4439

Background



This preview shows how black text looks on a background with the Yxy color 62.9091, 0.3471, 0.4439.



This preview shows how white text looks on a background with the Yxy color 62.9091, 0.3471, 0.4439.

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

62.9091, 0.3471, 0.4439

Protanopia

62.3617, 0.3904, 0.4234

Deuteranopia

62.3781, 0.4071, 0.3982



Tritanopia

62.9075, 0.2933, 0.3105

Trichromacy



Original Color

62.9091, 0.3471, 0.4439

Protanomaly

62.3911, 0.3735, 0.4312

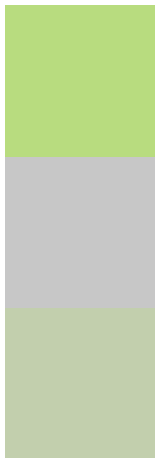
Deuteranomaly

61.9231, 0.3846, 0.4144

Tritanomaly

62.4691, 0.3136, 0.3580

Monochromacy



Original Color

62.9091, 0.3471, 0.4439

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

59.1121, 0.3268, 0.3708

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9091, 0.3471, 0.4439 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(184, 220, 127)` looks like.

```
.text, #text, p{  
    color:rgb(184, 220, 127)  
}
```

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(184, 220, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 220, 127) }
```

Border

The CSS property to change the border of an element to Yxy 62.9091, 0.3471, 0.4439 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(184, 220, 127) }
```

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

```
.border{ border-color:rgb(184, 220, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 220, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 220, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 220, 127);  
box-shadow:4px 4px 4px 4px rgb(184, 220,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9091, 0.3471, 0.4439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 220, 127) }
```

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

```
.background{ background-color: rgb(184,  
220, 127) }
```

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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