

Converting Colors

Yxy(61.1584, 0.3429, 0.4203)

Have a look what the booklet for
Yxy(61.1584, 0.3429, 0.4203)
contains.

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Color

Yxy(61.2153, 0.3427, 0.4209)

Conversions

Conversions Part 1

Format	Color
Hex	BCD78D
RGB	188, 215, 141
RGB Percent	74%, 84%, 55%
CMY	0.2628, 0.1568, 0.4471
CMYK	0.13, 0.00, 0.34, 0.16
HSL	82°, 48%, 70%
HSV	82°, 34%, 84%
XYZ	49.8420, 61.2153, 34.3818
YIQ	198.4910, 7.6620, -28.7380

Conversions

Conversions Part 2

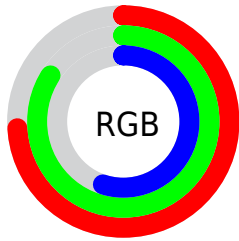
Format	Color
RYB	141, 215, 168
Decimal	12375949
CIELab	82.49, -21.34, 33.63
CIELCh	82, 39.827, 122.404
Yxy	61.2153, 0.3427, 0.4209
Android (android.graphics.Color)	4290566029 (0xFFBCD78D)
YUV	198.4910, -28.3431, -9.2006
Hunter-Lab	78.2402, -23.2091, 28.7138

Details

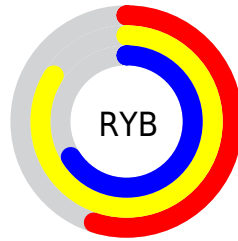
The Yxy color **61.2153, 0.3427, 0.4209** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.2797, 0.2735, 0.2326**, and the grayscale version is **56.9572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8726, 0.3417, 0.3893**, and **30.9481, 0.3486, 0.4449** is the 20% darker color. If you saturate the color by 10%, you get **59.6687, 0.3501, 0.4491**, and if you desaturate by 10%, it is **62.9458, 0.3344, 0.3927**.

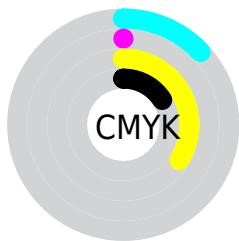
Distribution



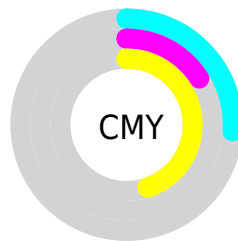
- Red (74%)
- Green (84%)
- Blue (55%)



- Red (55%)
- Yellow (84%)
- Blue (66%)



- Cyan (13%)
- Magenta (0%)
- Yellow (34%)
- Black (16%)





- Cyan (26%)
- Magenta (16%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2153, 0.3427, 0.4209 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 61.2153, 0.3427, 0.4209 by changing the saturation by 10% instead.


 61.2153, 0.3427,
0.4209


 61.2153, 0.3427,
0.4209


429.0630, 0.3296,
0.3756


 44.3989, 0.3453,
0.4318


 106.5906, 0.3384,
0.4047

 30.9843, 0.3484,
0.4457


 135.9184, 0.3367,
0.3985

 20.5869, 0.3518,
0.4635

 170.1854, 0.3351,
0.3933

 12.8224, 0.3553,
0.4875

209.7760, 0.3338,
0.3888

 7.3063, 0.3582,
0.5206

255.0747, 0.3326,
0.3848

 3.6544, 0.3640,
0.5789

306.4658, 0.3315,

 1.4822, 0.3487,

0.3814

0.6513

364.3338, 0.3305,
0.3784

0.2761, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.2153, 0.3427,
0.4209

61.2153, 0.3427,
0.4209

59.6687, 0.3501,
0.4491

62.9458, 0.3344,
0.3927

58.2899, 0.3561,
0.4763

64.8595, 0.3256,
0.3655

57.0727, 0.3602,
0.5012

66.9663, 0.3166,
0.3398

56.0072, 0.3621,
0.5225

69.2725, 0.3079,
0.3160

■ 55.0822, 0.3614,
0.5391

■ 71.7845, 0.2994,
0.2941

■ 54.2841, 0.3584,
0.5507

■ 73.5046, 0.3007,
0.2884

■ 53.8821, 0.3560,
0.5555

■ 74.8715, 0.3061,
0.2890

■ 76.2983, 0.3116,
0.2897

■ 77.0869, 0.3145,
0.2901

Harmonies

Analogous

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



61.2153, 0.3868, 0.4119



61.2153, 0.3427, 0.4209



61.2153, 0.2926, 0.3994

Triad

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



61.2153, 0.3427, 0.4209



61.2153, 0.2218, 0.2666



61.2153, 0.3768, 0.3030

Complementary

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



61.2153, 0.3427, 0.4209



32.2797, 0.2735, 0.2326

Split Complementary

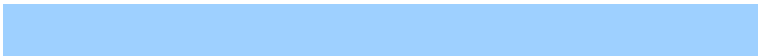
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.2153, 0.3272, 0.2709



61.2153, 0.3427, 0.4209



61.2153, 0.2399, 0.2494

Square

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



61.2153, 0.3427, 0.4209



61.2153, 0.2252, 0.3035



61.2153, 0.2771, 0.2517



61.2153, 0.4088, 0.3422

Rectangle

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



61.2153, 0.3427, 0.4209



61.2153, 0.2627, 0.3704



61.2153, 0.2771, 0.2517



61.2153, 0.3614, 0.2912

Sweetspot

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



61.2180, 0.3427, 0.4209



96.7414, 0.3217, 0.3542



43.9705, 0.3828, 0.3609



20.6137, 0.3230, 0.3579



0.0000, 0.0000, 0.0000



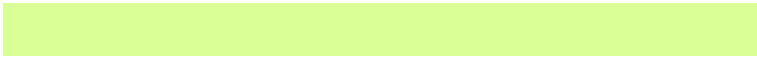
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2180, 0.3427, 0.4209



88.4603, 0.3480, 0.4406



57.2136, 0.3156, 0.4292



14.2827, 0.3211, 0.3524



32.2859, 0.3570, 0.5548



1.9935, 0.3678, 0.5462

Inverse Universe

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



32.2797, 0.2735, 0.2326



39.9485, 0.2634, 0.2107



36.7769, 0.3063, 0.2413



12.2273, 0.3038, 0.3053



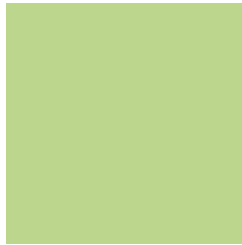
3.9715, 0.1796, 0.0763



0.2857, 0.1992, 0.0871

Previews

White Background



This preview shows how the Yxy color 61.2153, 0.3427, 0.4209 looks on a white background.

Color Contrast Check

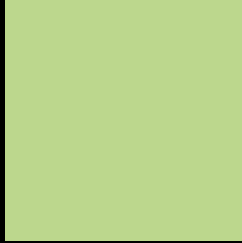
Large Text (above 18pt) WCAG AA × Fail

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 61.2153, 0.3427, 0.4209 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 61.2153, 0.3427, 0.4209

Background



This preview shows how black text looks on a background with the Yxy color 61.2153, 0.3427, 0.4209.



This preview shows how white text looks on a background with the Yxy color 61.2153, 0.3427, 0.4209.

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

61.2153, 0.3427, 0.4209

Protanopia

60.9984, 0.3766, 0.4068

Deuteranopia

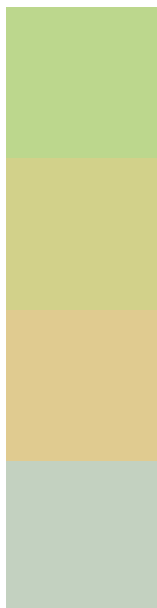
60.7573, 0.3930, 0.3842



Tritanopia

61.0252, 0.2973, 0.3105

Trichromacy



Original Color

61.2153, 0.3427, 0.4209

Protanomaly

61.1375, 0.3644, 0.4128

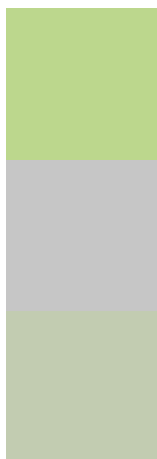
Deuteranomaly

60.5728, 0.3740, 0.3965

Tritanomaly

61.0088, 0.3140, 0.3495

Monochromacy



Original Color

61.2153, 0.3427, 0.4209

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.8294, 0.3243, 0.3623

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2153, 0.3427, 0.4209 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(188, 215, 141)` looks like.

```
.text, #text, p{  
    color:rgb(188, 215, 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(188, 215, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 215, 141) }
```

Border

The CSS property to change the border of an element to Yxy 61.2153, 0.3427, 0.4209 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(188, 215, 141) }
```

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

```
.border{ border-color:rgb(188, 215, 141) }
```

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

Here you see how a box with a 4 pixel rgb(188, 215, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 215, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 215, 141);  
box-shadow:4px 4px 4px 4px rgb(188, 215,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2153, 0.3427, 0.4209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 215, 141) }
```

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

```
.background{ background-color: rgb(188,  
215, 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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