

Converting Colors

$Yxy(61.5676, 0.3387, 0.4189)$

Have a look what the booklet for
Yxy(61.5676, 0.3387, 0.4189)
contains.

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Color

Yxy(61.5645, 0.3389, 0.4187)

Conversions

Conversions Part 1

Format	Color
Hex	BAD890
RGB	186, 216, 144
RGB Percent	73%, 85%, 56%
CMY	0.2708, 0.1529, 0.4353
CMYK	0.14, 0.00, 0.33, 0.15
HSL	85°, 48%, 71%
HSV	85°, 33%, 85%
XYZ	49.8309, 61.5645, 35.6418
YIQ	198.8220, 5.2320, -28.7520

Conversions

Conversions Part 2

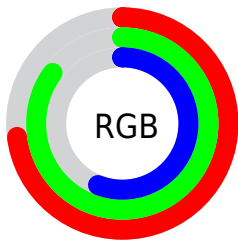
Format	Color
RYB	144, 216, 174
Decimal	12245136
CIELab	82.68, -22.18, 32.30
CIELCh	83, 39.185, 124.472
Yxy	61.5645, 0.3389, 0.4187
Android (android.graphics.Color)	4290435216 (0xFFBAD890)
YUV	198.8220, -27.0272, -11.2449
Hunter-Lab	78.4630, -23.9472, 27.9917

Details

The Yxy color **61.5645, 0.3389, 0.4187** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.9117, 0.2783, 0.2369**, and the grayscale version is **57.1613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6519, 0.3386, 0.3865**, and **31.1856, 0.3437, 0.4422** is the 20% darker color. If you saturate the color by 10%, you get **59.8749, 0.3455, 0.4477**, and if you desaturate by 10%, it is **63.4572, 0.3314, 0.3901**.

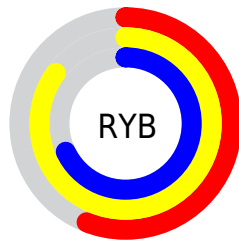
Distribution



Red (73%)

Green (85%)

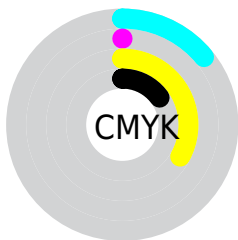
Blue (56%)



Red (56%)

Yellow (85%)

Blue (68%)

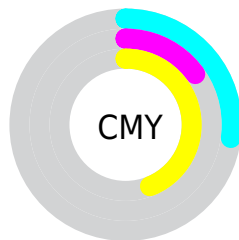


Cyan (14%)

Magenta (0%)

Yellow (33%)

Black (15%)



Cyan (27%)


Magenta (15%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5645, 0.3389, 0.4187 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 61.5645, 0.3389, 0.4187 by changing the saturation by 10% instead.


 61.5645, 0.3389,
0.4187


 61.5645, 0.3389,
0.4187


430.3408, 0.3276,
0.3745

 44.6809, 0.3412,
0.4294

 107.0959, 0.3352,
0.4028

 31.2062, 0.3437,
0.4430


 136.5124, 0.3337,
0.3968

 20.7559, 0.3466,
0.4606


170.8754, 0.3324,
0.3917

 12.9457, 0.3495,
0.4842

210.5692, 0.3312,
0.3873

 7.3911, 0.3516,
0.5173

255.9783, 0.3301,
0.3835

 3.7079, 0.3544,
0.5722

307.4870, 0.3292,

 1.5115, 0.3441,

0.3801

0.6559

365.4796, 0.3284,
0.3771

■ 0.2968, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.5645, 0.3389,
0.4187

■ 61.5645, 0.3389,
0.4187

■ 59.8749, 0.3455,
0.4477

■ 63.4572, 0.3314,
0.3901

■ 58.3717, 0.3508,
0.4759

■ 65.5528, 0.3235,
0.3628

■ 57.0483, 0.3543,
0.5021

■ 67.8614, 0.3154,
0.3371

■ 55.8945, 0.3556,
0.5248

■ 70.3900, 0.3074,
0.3135

■ 54.8984, 0.3544,
0.5429

■ 73.1453, 0.2998,
0.2920

■ 54.0462, 0.3510,
0.5558

■ 74.8763, 0.3041,
0.2898

■ 53.5436, 0.3478,
0.5620

■ 76.4946, 0.3104,
0.2906

■ 77.6004, 0.3145,
0.2911

Harmonies

Analogous

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



61.5645, 0.3831, 0.4119



61.5645, 0.3389, 0.4187



61.5645, 0.2898, 0.3955

Triad

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



61.5645, 0.3389, 0.4187



61.5645, 0.2238, 0.2659



61.5645, 0.3785, 0.3060

Complementary

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



61.5645, 0.3389, 0.4187



33.9117, 0.2783, 0.2369

Split Complementary

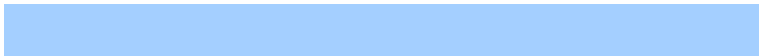
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.5645, 0.3305, 0.2737



61.5645, 0.3389, 0.4187



61.5645, 0.2431, 0.2503

Square

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



61.5645, 0.3389, 0.4187



61.5645, 0.2257, 0.3010



61.5645, 0.2809, 0.2537



61.5645, 0.4082, 0.3448

Rectangle

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



61.5645, 0.3389, 0.4187



61.5645, 0.2609, 0.3663



61.5645, 0.2809, 0.2537



61.5645, 0.3638, 0.2942

Sweetspot

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



61.5672, 0.3389, 0.4187



96.5017, 0.3208, 0.3542



46.8902, 0.3781, 0.3656



20.5556, 0.3220, 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.



61.5672, 0.3389, 0.4187



87.8792, 0.3437, 0.4391



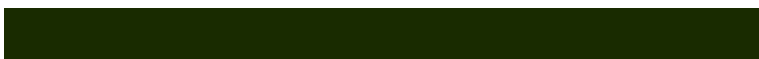
57.6183, 0.3122, 0.4266



14.2497, 0.3203, 0.3525



31.7515, 0.3489, 0.5612



1.9632, 0.3608, 0.5517

Inverse Universe

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



33.9117, 0.2783, 0.2369



41.6822, 0.2690, 0.2152



38.6095, 0.3110, 0.2453



12.2594, 0.3046, 0.3054



4.2864, 0.1879, 0.0809



0.3065, 0.2076, 0.0917

Previews

White Background



This preview shows how the Yxy color 61.5645, 0.3389, 0.4187 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 61.5645, 0.3389, 0.4187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

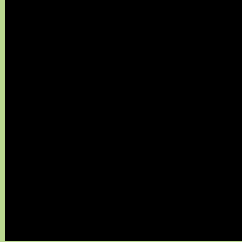
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5645, 0.3389, 0.4187

Background



This preview shows how black text looks on a background with the Yxy color 61.5645, 0.3389, 0.4187.



This preview shows how white text looks on a background with the Yxy color 61.5645, 0.3389, 0.4187.

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

61.5645, 0.3389, 0.4187

Protanopia

61.0857, 0.3745, 0.4035

Deuteranopia

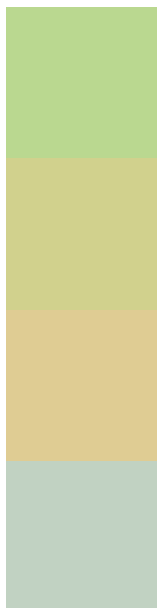
61.3037, 0.3902, 0.3820



Tritanopia

61.3406, 0.2945, 0.3093

Trichromacy



Original Color

61.5645, 0.3389, 0.4187

Protanomaly

61.0793, 0.3614, 0.4096

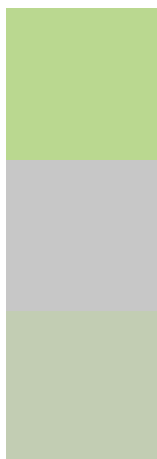
Deuteranomaly

60.9803, 0.3705, 0.3944

Tritanomaly

61.3257, 0.3111, 0.3483

Monochromacy



Original Color

61.5645, 0.3389, 0.4187

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.3867, 0.3228, 0.3609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5645, 0.3389, 0.4187 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(186, 216, 144)` looks like.

```
.text, #text, p{  
    color:rgb(186, 216, 144)  
}
```

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(186, 216, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 216, 144) }
```

Border

The CSS property to change the border of an element to Yxy 61.5645, 0.3389, 0.4187 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(186, 216, 144) }
```

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

```
.border{ border-color:rgb(186, 216, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 216, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 216, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 216, 144);  
box-shadow:4px 4px 4px 4px rgb(186, 216,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5645, 0.3389, 0.4187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 216, 144) }
```

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

```
.background{ background-color: rgb(186,  
216, 144) }
```

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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