

Converting Colors

$Yxy(49.3057, 0.3385, 0.4282)$

Have a look what the booklet for
Yxy(49.3057, 0.3385, 0.4282)
contains.

Yxy(49.3057, 0.3385, 0.4282)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.3057, 0.3385, 0.4282)

Conversions

Conversions Part 1

Format	Color
Hex	A4C57D
RGB	164, 197, 125
RGB Percent	64%, 77%, 49%
CMY	0.3569, 0.2274, 0.5098
CMYK	0.17, 0.00, 0.37, 0.23
HSL	88°, 38%, 63%
HSV	88°, 37%, 77%
XYZ	38.9771, 49.3057, 26.8637
YIQ	178.9250, 3.4440, -29.3880

Conversions

Conversions Part 2

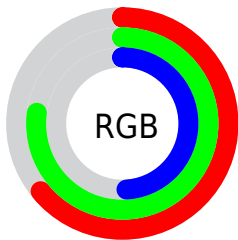
Format	Color
RYB	125, 197, 158
Decimal	10798461
CIELab	75.64, -23.53, 32.56
CIElCh	76, 40.176, 125.854
Yxy	49.3057, 0.3385, 0.4282
Android (android.graphics.Color)	4288988541 (0xFFA4C57D)
YUV	178.9250, -26.5850, -13.0892
Hunter-Lab	70.2180, -23.7986, 26.4697

Details

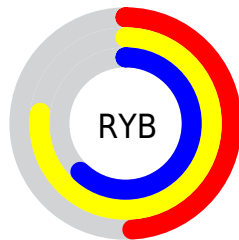
The Yxy color **49.3057, 0.3385, 0.4282** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **25.9684, 0.2773, 0.2285**, and the grayscale version is **45.1808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3136, 0.3351, 0.4100**, and **23.5324, 0.3430, 0.4574** is the 20% darker color. If you saturate the color by 10%, you get **47.9263, 0.3440, 0.4575**, and if you desaturate by 10%, it is **50.8575, 0.3320, 0.3992**.

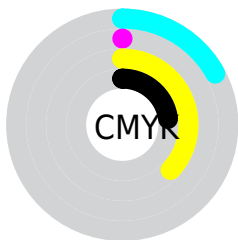
Distribution



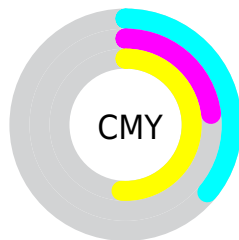
- Red (64%)
- Green (77%)
- Blue (49%)



- Red (49%)
- Yellow (77%)
- Blue (62%)



- Cyan (17%)
- Magenta (0%)
- Yellow (37%)
- Black (23%)




- Cyan (36%)
- Magenta (23%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3057, 0.3385, 0.4282 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 49.3057, 0.3385, 0.4282 by changing the saturation by 10% instead.


 49.3057, 0.3385,
0.4282


 49.3057, 0.3385,
0.4282


383.9446, 0.3272,
0.3773


 34.8620, 0.3407,
0.4412


 89.1453, 0.3348,
0.4095

 23.5566, 0.3431,
0.4579


 115.3101, 0.3333,
0.4025

 15.0051, 0.3455,
0.4801


 146.1506, 0.3320,
0.3966

 8.8229, 0.3472,
0.5108

182.0514, 0.3308,
0.3916

 4.6259, 0.3465,
0.5557

223.3968, 0.3298,
0.3873

 2.0295, 0.3500,
0.6500

270.5712, 0.3288,


 0.6245, 0.0297,

0.3835


0.9703

323.9590, 0.3280,
0.3802


 0.0000, 0.0000,
0.0000


 49.3057, 0.3385,
0.4282


 49.3057, 0.3385,
0.4282


 47.9263, 0.3440,
0.4575


 50.8575, 0.3320,
0.3992


 46.7055, 0.3481,
0.4858


 52.5821, 0.3249,
0.3713

 45.6374, 0.3504,
0.5117


 54.4880, 0.3175,
0.3451


 44.7132, 0.3504,
0.5339


 56.5812, 0.3102,
0.3209

 43.9226, 0.3482,
0.5512


 58.8674, 0.3031,
0.2989

 43.2528, 0.3438,
0.5631

 61.3520, 0.2963,
0.2791

 43.0420, 0.3421,
0.5665

 63.5208, 0.2950,
0.2686

 65.0299, 0.3016,
0.2698

 66.6172, 0.3082,
0.2710

Harmonies

Analogous

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



49.3057, 0.3878, 0.4210



49.3057, 0.3385, 0.4282



49.3057, 0.2847, 0.4012

Triad

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



49.3057, 0.3385, 0.4282



49.3057, 0.2160, 0.2582



49.3057, 0.3875, 0.3053

Complementary

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



49.3057, 0.3385, 0.4282



25.9684, 0.2773, 0.2285

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.



49.3057, 0.3347, 0.2699



49.3057, 0.3385, 0.4282



49.3057, 0.2378, 0.2426

Square

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



49.3057, 0.3385, 0.4282



49.3057, 0.2169, 0.2954



49.3057, 0.2798, 0.2475



49.3057, 0.4190, 0.3476

Rectangle

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



49.3057, 0.3385, 0.4282



49.3057, 0.2536, 0.3677



49.3057, 0.2798, 0.2475



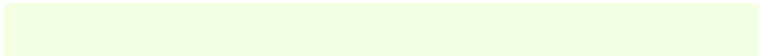
49.3057, 0.3714, 0.2924

Sweetspot

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



49.3079, 0.3385, 0.4282



95.9656, 0.3209, 0.3569



37.6019, 0.3844, 0.3720



20.4403, 0.3219, 0.3605



0.0000, 0.0000, 0.0000



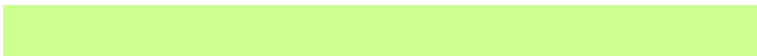
21.4041, 0.3127, 0.3290

Same Dimension

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



49.3079, 0.3385, 0.4282



86.2732, 0.3431, 0.4520



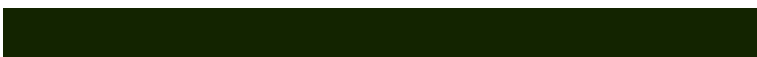
46.0515, 0.3102, 0.4374



12.1660, 0.3196, 0.3523



28.3591, 0.3431, 0.5658



1.3855, 0.3584, 0.5536

Inverse Universe

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



25.9684, 0.2773, 0.2285



38.3053, 0.2670, 0.2040



30.0893, 0.3132, 0.2385



10.5216, 0.3053, 0.3056



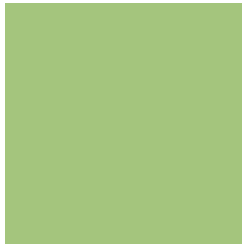
4.1399, 0.1954, 0.0850



0.2390, 0.2192, 0.0981

Previews

White Background



This preview shows how the Yxy color 49.3057, 0.3385, 0.4282 looks on a white background.

Color Contrast Check

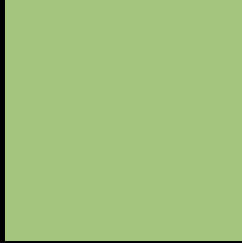
Large Text (above 18pt) WCAG AA × Fail

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 49.3057, 0.3385, 0.4282 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 49.3057, 0.3385, 0.4282

Background



This preview shows how black text looks on a background with the Yxy color 49.3057, 0.3385, 0.4282.



This preview shows how white text looks on a background with the Yxy color 49.3057, 0.3385, 0.4282.

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

49.3057, 0.3385, 0.4282

Protanopia

49.0548, 0.3794, 0.4102

Deuteranopia

48.9554, 0.3952, 0.3869



Tritanopia

49.3447, 0.2920, 0.3111

Trichromacy



Original Color

49.3057, 0.3385, 0.4282

Protanomaly

48.9234, 0.3641, 0.4175

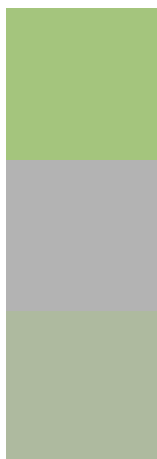
Deuteranomaly

48.6739, 0.3733, 0.4008

Tritanomaly

48.9755, 0.3092, 0.3517

Monochromacy



Original Color

49.3057, 0.3385, 0.4282

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

46.6197, 0.3237, 0.3656

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3057, 0.3385, 0.4282 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(164, 197, 125)` looks like.

```
.text, #text, p{  
    color:rgb(164, 197, 125)  
}
```

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(164, 197, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 197, 125) }
```

Border

The CSS property to change the border of an element to Yxy 49.3057, 0.3385, 0.4282 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(164, 197, 125) }
```

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

```
.border{ border-color:rgb(164, 197, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 197, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 197, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 197, 125);  
box-shadow:4px 4px 4px 4px rgb(164, 197,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3057, 0.3385, 0.4282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 197, 125) }
```

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

```
.background{ background-color: rgb(164,  
197, 125) }
```

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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