

Converting Colors

Yxy(51.2515, 0.3496, 0.4256)

Have a look what the booklet for
Yxy(51.2515, 0.3496, 0.4256)
contains.

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Color

Yxy(51.2159, 0.3493, 0.4257)

Conversions

Conversions Part 1

Format	Color
Hex	B1C67D
RGB	177, 198, 125
RGB Percent	69%, 78%, 49%
CMY	0.3059, 0.2235, 0.5098
CMYK	0.11, 0.00, 0.37, 0.22
HSL	77°, 39%, 63%
HSV	77°, 37%, 78%
XYZ	42.0242, 51.2159, 27.0697
YIQ	183.3990, 10.9170, -27.1550

Conversions

Conversions Part 2

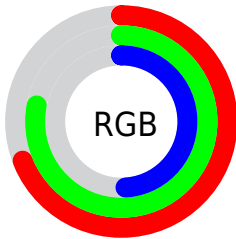
Format	Color
RYB	125, 198, 146
Decimal	11650685
CIELab	76.81, -19.13, 34.26
CIElCh	77, 39.237, 119.180
Yxy	51.2159, 0.3493, 0.4257
Android (android.graphics.Color)	4289840765 (0xFFB1C67D)
YUV	183.3990, -28.7907, -5.6119
Hunter-Lab	71.5653, -20.4213, 27.6691

Details

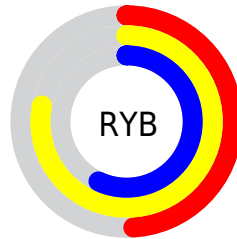
The Yxy color **51.2159, 0.3493, 0.4257** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.8556, 0.2649, 0.2241**, and the grayscale version is **47.7406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0580, 0.3436, 0.4087**, and **24.6655, 0.3564, 0.4528** is the 20% darker color. If you saturate the color by 10%, you get **50.1060, 0.3578, 0.4526**, and if you desaturate by 10%, it is **52.4592, 0.3398, 0.3984**.

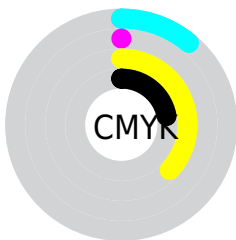
Distribution



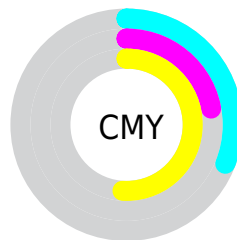
- Red (69%)
- Green (78%)
- Blue (49%)



- Red (49%)
- Yellow (78%)
- Blue (57%)



- Cyan (11%)
- Magenta (0%)
- Yellow (37%)
- Black (22%)





- Cyan (31%)
- Magenta (22%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2159, 0.3493, 0.4257 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 51.2159, 0.3493, 0.4257 by changing the saturation by 10% instead.

 51.2159, 0.3493,
0.4257

 51.2159, 0.3493,
0.4257


391.4020, 0.3327,
0.3768

 36.3805, 0.3528,
0.4379


 91.9738, 0.3437,
0.4079

 24.7282, 0.3568,
0.4534


 118.6651, 0.3415,
0.4012

 15.8747, 0.3614,
0.4738


 150.0771, 0.3395,
0.3956

 9.4355, 0.3662,
0.5013

186.5943, 0.3378,
0.3907

 5.0263, 0.3698,
0.5403

228.6009, 0.3363,
0.3866

 2.2627, 0.3806,
0.6194

276.4815, 0.3350,

 0.7539, 0.2487,

0.3829

0.7513

330.6204, 0.3338,
0.3797

0.0000, 0.0000,
0.0000

51.2159, 0.3493,
0.4257

51.2159, 0.3493,
0.4257

50.1060, 0.3578,
0.4526

52.4592, 0.3398,
0.3984

49.1164, 0.3647,
0.4778

53.8349, 0.3298,
0.3715

48.2422, 0.3697,
0.5004

55.3507, 0.3196,
0.3458

47.4756, 0.3723,
0.5191

57.0119, 0.3096,
0.3216

46.8075, 0.3723,
0.5332


58.8232, 0.3000,
0.2993

 46.2257, 0.3700,
0.5427

 60.7891, 0.2909,
0.2788

 46.0547, 0.3691,
0.5451

 62.3478, 0.2877,
0.2684

 63.2361, 0.2917,
0.2691

 64.1549, 0.2958,
0.2698

Harmonies

Analogous

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



51.2159, 0.3940, 0.4128



51.2159, 0.3493, 0.4257



51.2159, 0.2970, 0.4069

Triad

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



51.2159, 0.3493, 0.4257



51.2159, 0.2174, 0.2670



51.2159, 0.3747, 0.2977

Complementary

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



51.2159, 0.3493, 0.4257



24.8556, 0.2649, 0.2241

Split Complementary

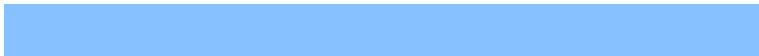
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.2159, 0.3218, 0.2656



51.2159, 0.3493, 0.4257



51.2159, 0.2338, 0.2470

Square

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



51.2159, 0.3493, 0.4257



51.2159, 0.2233, 0.3073



51.2159, 0.2705, 0.2474



51.2159, 0.4110, 0.3379

Rectangle

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



51.2159, 0.3493, 0.4257



51.2159, 0.2650, 0.3778



51.2159, 0.2705, 0.2474



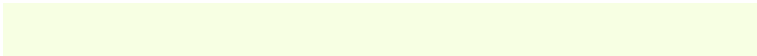
51.2159, 0.3580, 0.2858

Sweetspot

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



51.2182, 0.3493, 0.4257



96.8235, 0.3240, 0.3567



33.9470, 0.3912, 0.3567



20.6452, 0.3254, 0.3602



0.0000, 0.0000, 0.0000



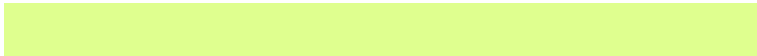
21.4041, 0.3127, 0.3290

Same Dimension

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



51.2182, 0.3493, 0.4257



89.1365, 0.3560, 0.4467



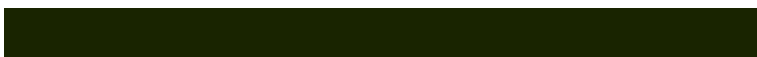
47.5191, 0.3194, 0.4355



12.2577, 0.3222, 0.3521



29.9929, 0.3698, 0.5446



1.4557, 0.3805, 0.5361

Inverse Universe

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



24.8556, 0.2649, 0.2241



35.9311, 0.2522, 0.1989



28.7112, 0.3007, 0.2342



10.4329, 0.3027, 0.3054



3.2556, 0.1695, 0.0707



0.1919, 0.1930, 0.0837

Previews

White Background



This preview shows how the Yxy color 51.2159, 0.3493, 0.4257 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 51.2159, 0.3493, 0.4257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

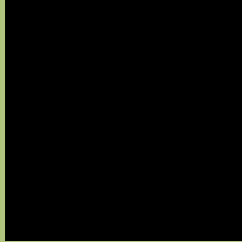
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2159, 0.3493, 0.4257

Background



This preview shows how black text looks on a background with the Yxy color 51.2159, 0.3493, 0.4257.



This preview shows how white text looks on a background with the Yxy color 51.2159, 0.3493, 0.4257.

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

51.2159, 0.3493, 0.4257

Protanopia

50.9221, 0.3808, 0.4112

Deuteranopia

50.8015, 0.3973, 0.3893



Tritanopia

50.8430, 0.3007, 0.3104

Trichromacy



Original Color

51.2159, 0.3493, 0.4257

Protanomaly

50.7314, 0.3688, 0.4164

Deuteranomaly

50.5091, 0.3789, 0.4014

Tritanomaly

50.8617, 0.3182, 0.3510

Monochromacy



Original Color

51.2159, 0.3493, 0.4257

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.3988, 0.3271, 0.3634

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2159, 0.3493, 0.4257 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(177, 198, 125)` looks like.

```
.text, #text, p{  
    color:rgb(177, 198, 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(177, 198, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 198, 125) }
```

Border

The CSS property to change the border of an element to Yxy 51.2159, 0.3493, 0.4257 is called "border". The border property can be set on classes, ids or directly on the HTML element.

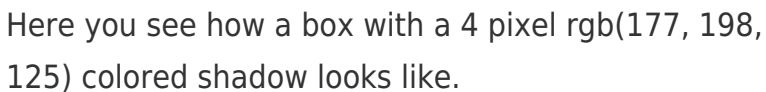
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 198, 125) }
```

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

```
.border{ border-color:rgb(177, 198, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 198, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 198, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 198, 125); box-shadow:4px 4px 4px 4px rgb(177, 198, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2159, 0.3493, 0.4257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 198, 125) }
```

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

```
.background{ background-color: rgb(177,  
198, 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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