

Converting Colors

$Yxy(50.4560, 0.3513, 0.4189)$

Have a look what the booklet for
Yxy(50.4560, 0.3513, 0.4189)
contains.

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Color

Yxy(50.2658, 0.3514, 0.4189)

Conversions

Conversions Part 1

Format	Color
Hex	B4C37F
RGB	180, 195, 127
RGB Percent	71%, 76%, 50%
CMY	0.2942, 0.2353, 0.5019
CMYK	0.08, 0.00, 0.35, 0.24
HSL	73°, 36%, 63%
HSV	73°, 35%, 76%
XYZ	42.1662, 50.2658, 27.5628
YIQ	182.7630, 12.8880, -24.3280

Conversions

Conversions Part 2

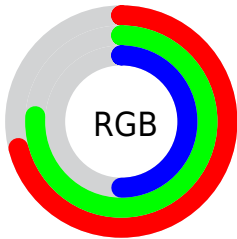
Format	Color
RYB	127, 195, 142
Decimal	11846527
CIELab	76.23, -16.21, 32.50
CIElCh	76, 36.322, 116.510
Yxy	50.2658, 0.3514, 0.4189
Android (android.graphics.Color)	4290036607 (0xFFB4C37F)
YUV	182.7630, -27.4912, -2.4232
Hunter-Lab	70.8984, -17.9109, 26.5790

Details

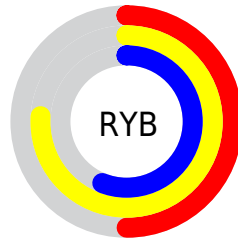
The Yxy color **50.2658, 0.3514, 0.4189** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.8772, 0.2639, 0.2295**, and the grayscale version is **47.3657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9206, 0.3458, 0.4032**, and **24.0212, 0.3597, 0.4438** is the 20% darker color. If you saturate the color by 10%, you get **49.2986, 0.3613, 0.4450**, and if you desaturate by 10%, it is **51.3519, 0.3406, 0.3923**.

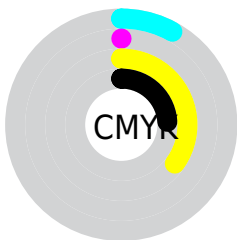
Distribution



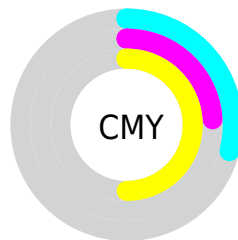
- Red (71%)
- Green (76%)
- Blue (50%)



- Red (50%)
- Yellow (76%)
- Blue (56%)



- Cyan (8%)
- Magenta (0%)
- Yellow (35%)
- Black (24%)





- Cyan (29%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2658, 0.3514, 0.4189 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 50.2658, 0.3514, 0.4189 by changing the saturation by 10% instead.

 50.2658, 0.3514,
0.4189


 50.2658, 0.3514,
0.4189


387.7045, 0.3335,
0.3735


 35.6246, 0.3553,
0.4302

 90.5686, 0.3453,
0.4024

 24.1444, 0.3600,
0.4446


 116.9990, 0.3428,
0.3962

 15.4408, 0.3655,
0.4636


 148.1279, 0.3408,
0.3909

 9.1293, 0.3717,
0.4893

184.3398, 0.3389,
0.3864

 4.8256, 0.3776,
0.5255

226.0190, 0.3373,
0.3825

 2.1453, 0.3958,
0.6042

273.5499, 0.3359,

 0.6899, 0.2737,

0.3791

0.7263

327.3169, 0.3346,
0.3761

0.0000, 0.0000,
0.0000

50.2658, 0.3514,
0.4189

50.2658, 0.3514,
0.4189

49.2986, 0.3613,
0.4450

51.3519, 0.3406,
0.3923

48.4379, 0.3698,
0.4695

52.5557, 0.3294,
0.3660

47.6793, 0.3764,
0.4914


53.8844, 0.3181,
0.3408

47.0158, 0.3807,
0.5095


55.3426, 0.3071,
0.3170

46.4390, 0.3824,
0.5233

56.9349, 0.2966,
0.2949

 45.9387, 0.3816,
0.5324

 58.6654, 0.2868,
0.2746

 45.7015, 0.3806,
0.5360

 59.9771, 0.2828,
0.2643

 60.6188, 0.2858,
0.2648

 61.2775, 0.2889,
0.2654

Harmonies

Analogous

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



50.2658, 0.3917, 0.4053



50.2658, 0.3514, 0.4189



50.2658, 0.3026, 0.4038

Triad

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



50.2658, 0.3514, 0.4189



50.2658, 0.2229, 0.2739



50.2658, 0.3665, 0.2968

Complementary

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



50.2658, 0.3514, 0.4189



24.8772, 0.2639, 0.2295

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.



50.2658, 0.3168, 0.2674



50.2658, 0.3514, 0.4189



50.2658, 0.2366, 0.2531

Square

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



50.2658, 0.3514, 0.4189



50.2658, 0.2305, 0.3132



50.2658, 0.2697, 0.2516



50.2658, 0.4022, 0.3342

Rectangle

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



50.2658, 0.3514, 0.4189



50.2658, 0.2720, 0.3784



50.2658, 0.2697, 0.2516



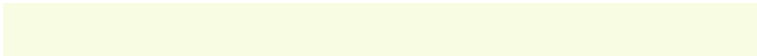
50.2658, 0.3506, 0.2858

Sweetspot

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



50.2680, 0.3514, 0.4189



95.2120, 0.3240, 0.3540



32.4065, 0.3876, 0.3491



20.7765, 0.3257, 0.3576



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.



50.2680, 0.3514, 0.4189



88.6538, 0.3592, 0.4393



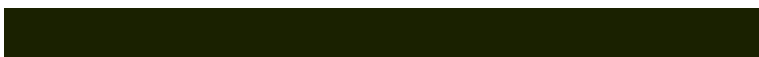
46.7033, 0.3228, 0.4277



11.6425, 0.3231, 0.3520



29.7390, 0.3811, 0.5356



1.3134, 0.3901, 0.5284

Inverse Universe

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



24.8772, 0.2639, 0.2295



36.2739, 0.2503, 0.2039



28.3232, 0.2969, 0.2383



9.8529, 0.3017, 0.3054



2.9270, 0.1624, 0.0668



0.1579, 0.1853, 0.0795

Previews

White Background



This preview shows how the Yxy color 50.2658, 0.3514, 0.4189 looks on a white background.

Color Contrast Check

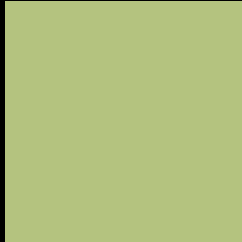
Large Text (above 18pt) WCAG AA × Fail

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 50.2658, 0.3514, 0.4189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

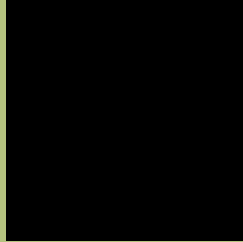
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2658, 0.3514, 0.4189

Background



This preview shows how black text looks on a background with the Yxy color 50.2658, 0.3514, 0.4189.



This preview shows how white text looks on a background with the Yxy color 50.2658, 0.3514, 0.4189.

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

50.2658, 0.3514, 0.4189

Protanopia

50.2590, 0.3779, 0.4083

Deuteranopia

50.1015, 0.3952, 0.3875



Tritanopia

50.2820, 0.3046, 0.3104

Trichromacy



Original Color

50.2658, 0.3514, 0.4189

Protanomaly

50.3444, 0.3677, 0.4129

Deuteranomaly

49.6928, 0.3789, 0.3979

Tritanomaly

49.8903, 0.3218, 0.3483

Monochromacy



Original Color

50.2658, 0.3514, 0.4189

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.1301, 0.3273, 0.3607

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2658, 0.3514, 0.4189 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(180, 195, 127)` looks like.

```
.text, #text, p{  
    color:rgb(180, 195, 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(180, 195, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 195, 127) }
```

Border

The CSS property to change the border of an element to Yxy 50.2658, 0.3514, 0.4189 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(180, 195, 127) }
```

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

```
.border{ border-color:rgb(180, 195, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 195, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 195, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 195, 127);  
box-shadow:4px 4px 4px 4px rgb(180, 195,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2658, 0.3514, 0.4189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 195, 127) }
```

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

```
.background{ background-color: rgb(180,  
195, 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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