

Converting Colors

$Yxy(50.4780, 0.3584, 0.4257)$

Have a look what the booklet for
Yxy(50.4780, 0.3584, 0.4257)
contains.

Yxy(50.4780, 0.3584, 0.4257)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.4780, 0.3584, 0.4257)

Conversions

Conversions Part 1

Format	Color
Hex	B7C379
RGB	183, 195, 121
RGB Percent	72%, 76%, 47%
CMY	0.2823, 0.2353, 0.5254
CMYK	0.06, 0.00, 0.38, 0.24
HSL	70°, 38%, 62%
HSV	70°, 38%, 76%
XYZ	42.4978, 50.4780, 25.6007
YIQ	182.9760, 16.6020, -25.5580

Conversions

Conversions Part 2

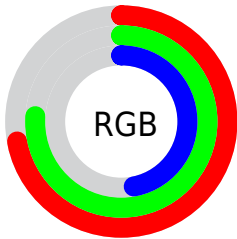
Format	Color
RYB	121, 195, 133
Decimal	12043129
CIELab	76.36, -15.77, 35.80
CIELCh	76, 39.124, 113.777
Yxy	50.4780, 0.3584, 0.4257
Android (android.graphics.Color)	4290233209 (0xFFB7C379)
YUV	182.9760, -30.5542, 0.0210
Hunter-Lab	71.0479, -17.5627, 28.3696

Details

The Yxy color **50.4780, 0.3584, 0.4257** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **22.6096, 0.2546, 0.2183**, and the grayscale version is **47.5071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2021, 0.3513, 0.4088**, and **24.1718, 0.3687, 0.4520** is the 20% darker color. If you saturate the color by 10%, you get **49.6658, 0.3690, 0.4505**, and if you desaturate by 10%, it is **51.4002, 0.3467, 0.3998**.

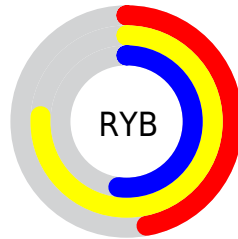
Distribution



Red (72%)

Green (76%)

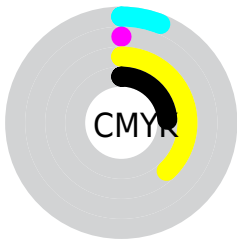
Blue (47%)



Red (47%)

Yellow (76%)

Blue (52%)

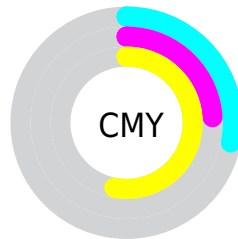


Cyan (6%)

Magenta (0%)

Yellow (38%)

Black (24%)



Cyan (28%)


Magenta (24%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4780, 0.3584, 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 50.4780, 0.3584, 0.4257 by changing the saturation by 10% instead.


 50.4780, 0.3584,
0.4257


 50.4780, 0.3584,
0.4257


388.5323, 0.3372,
0.3771


 35.7933, 0.3630,
0.4377


 90.8827, 0.3512,
0.4081

 24.2746, 0.3684,
0.4529


 117.3715, 0.3483,
0.4015

 15.5375, 0.3747,
0.4726


 148.5639, 0.3459,
0.3958

 9.1975, 0.3816,
0.4990

184.8442, 0.3437,
0.3910

 4.8702, 0.3890,
0.5367

226.5967, 0.3418,
0.3868

 2.1713, 0.3987,
0.6013

274.2060, 0.3401,

 0.7043, 0.2876,

0.3832

0.7124

328.0564, 0.3386,
0.3799

0.0000, 0.0000,
0.0000

50.4780, 0.3584,
0.4257

50.4780, 0.3584,
0.4257

49.6658, 0.3690,
0.4505

51.4002, 0.3467,
0.3998

48.9508, 0.3780,
0.4733

52.4309, 0.3346,
0.3738

48.3287, 0.3850,
0.4929


53.5775, 0.3223,
0.3484

47.7922, 0.3895,
0.5085


54.8447, 0.3103,
0.3241


47.3325, 0.3915,
0.5197

56.2369, 0.2987,
0.3014


 46.9368, 0.3911,
0.5266

 57.7583, 0.2879,
0.2804

 46.8586, 0.3909,
0.5278

 59.2490, 0.2793,
0.2636

 59.7035, 0.2815,
0.2640

 60.1671, 0.2837,
0.2644

Harmonies

Analogous

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



50.4780, 0.4003, 0.4080



50.4780, 0.3584, 0.4257



50.4780, 0.3063, 0.4129

Triad

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



50.4780, 0.3584, 0.4257



50.4780, 0.2166, 0.2727



50.4780, 0.3659, 0.2911

Complementary

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



50.4780, 0.3584, 0.4257



22.6096, 0.2546, 0.2183

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.



50.4780, 0.3120, 0.2611



50.4780, 0.3584, 0.4257



50.4780, 0.2291, 0.2489

Square

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



50.4780, 0.3584, 0.4257



50.4780, 0.2266, 0.3163



50.4780, 0.2625, 0.2458



50.4780, 0.4066, 0.3304

Rectangle

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



50.4780, 0.3584, 0.4257



50.4780, 0.2730, 0.3867



50.4780, 0.2625, 0.2458



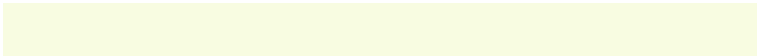
50.4780, 0.3485, 0.2798

Sweetspot

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



50.4803, 0.3584, 0.4257



95.2697, 0.3262, 0.3565



29.5194, 0.3992, 0.3443



20.8002, 0.3279, 0.3600



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.



50.4803, 0.3584, 0.4257



89.1199, 0.3678, 0.4476



46.6072, 0.3275, 0.4362



11.6730, 0.3240, 0.3519



30.4862, 0.3913, 0.5275



1.3398, 0.3979, 0.5222

Inverse Universe

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



22.6096, 0.2546, 0.2183



31.7393, 0.2379, 0.1886



26.0688, 0.2900, 0.2285



9.8247, 0.3008, 0.3054



2.7810, 0.1576, 0.0642



0.1453, 0.1764, 0.0746

Previews

White Background



This preview shows how the Yxy color 50.4780, 0.3584, 0.4257 looks on a white background.

Color Contrast Check

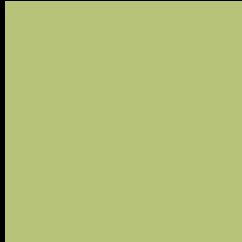
Large Text (above 18pt) WCAG AA × Fail

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 50.4780, 0.3584, 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 50.4780, 0.3584, 0.4257

Background



This preview shows how black text looks on a background with the Yxy color 50.4780, 0.3584, 0.4257.



This preview shows how white text looks on a background with the Yxy color 50.4780, 0.3584, 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

50.4780, 0.3584, 0.4257

Protanopia

50.2536, 0.3835, 0.4151

Deuteranopia

50.2665, 0.4020, 0.3938



Tritanopia

50.2055, 0.3078, 0.3105

Trichromacy



Original Color

50.4780, 0.3584, 0.4257

Protanomaly

50.4638, 0.3740, 0.4196

Deuteranomaly

49.8296, 0.3856, 0.4045

Tritanomaly

50.1543, 0.3267, 0.3521

Monochromacy



Original Color

50.4780, 0.3584, 0.4257

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.1460, 0.3305, 0.3646

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4780, 0.3584, 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(183, 195, 121)` looks like.

```
.text, #text, p{  
    color:rgb(183, 195, 121)  
}
```

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(183, 195, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 195, 121) }
```

Border

The CSS property to change the border of an element to Yxy 50.4780, 0.3584, 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(183, 195, 121) }
```

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

```
.border{ border-color:rgb(183, 195, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 195, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 195, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 195, 121);  
box-shadow:4px 4px 4px 4px rgb(183, 195,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4780, 0.3584, 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(183, 195, 121) }
```

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

```
.background{ background-color: rgb(183,  
195, 121) }
```

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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