

Converting Colors

Yxy(57.9850, 0.3630, 0.4524)

Have a look what the booklet for
Yxy(57.9850, 0.3630, 0.4524)
contains.

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Color

Yxy(57.8057, 0.3627, 0.4517)

Conversions

Conversions Part 1

Format	Color
Hex	BBD26F
RGB	187, 210, 111
RGB Percent	73%, 82%, 44%
CMY	0.2665, 0.1765, 0.5647
CMYK	0.11, 0.00, 0.47, 0.18
HSL	74°, 52%, 63%
HSV	74°, 47%, 82%
XYZ	46.4160, 57.8057, 23.7519
YIQ	191.8370, 18.0710, -35.6650

Conversions

Conversions Part 2

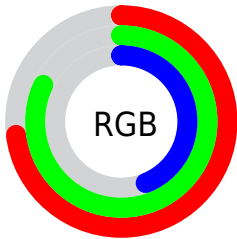
Format	Color
RYB	111, 210, 134
Decimal	12309103
CIELab	80.63, -22.77, 46.21
CIElCh	81, 51.514, 116.230
Yxy	57.8057, 0.3627, 0.4517
Android (android.graphics.Color)	4290499183 (0xFFBBD26F)
YUV	191.8370, -39.8526, -4.2420
Hunter-Lab	76.0301, -24.0791, 34.6988

Details

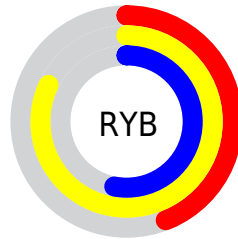
The Yxy color **57.8057, 0.3627, 0.4517** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **21.0896, 0.2427, 0.1886**, and the grayscale version is **52.8462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6491, 0.3592, 0.4194**, and **29.0087, 0.3708, 0.4840** is the 20% darker color. If you saturate the color by 10%, you get **56.7946, 0.3706, 0.4760**, and if you desaturate by 10%, it is **58.9516, 0.3532, 0.4256**.

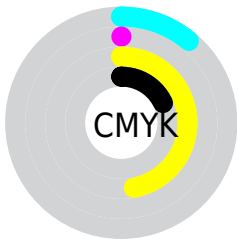
Distribution



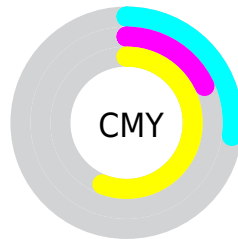
- Red (73%)
- Green (82%)
- Blue (44%)



- Red (44%)
- Yellow (82%)
- Blue (53%)



- Cyan (11%)
- Magenta (0%)
- Yellow (47%)
- Black (18%)




- Cyan (27%)
- Magenta (18%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8057, 0.3627, 0.4517 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 57.8057, 0.3627, 0.4517 by changing the saturation by 10% instead.


 57.8057, 0.3627,
0.4517


 57.8057, 0.3627,
0.4517


416.4615, 0.3412,
0.3913


 41.6525, 0.3668,
0.4661


 101.6399, 0.3558,
0.4302


 28.8293, 0.3712,
0.4839


 130.0896, 0.3529,
0.4220

 18.9517, 0.3757,
0.5065


 163.4069, 0.3504,
0.4149

 11.6354, 0.3794,
0.5354

 201.9762, 0.3481,
0.4089

 6.4959, 0.3822,
0.5768

246.1820, 0.3461,
0.4036

 3.1489, 0.3733,
0.6267

296.4085, 0.3443,

 1.2100, 0.3175,

0.3990

0.6825

353.0402, 0.3427,
0.3949

■ 0.0698, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8057, 0.3627,
0.4517

■ 57.8057, 0.3627,
0.4517

■ 56.7946, 0.3706,
0.4760

■ 58.9516, 0.3532,
0.4256

■ 55.9025, 0.3765,
0.4973

■ 60.2316, 0.3427,
0.3988

■ 55.1232, 0.3799,
0.5147


■ 61.6550, 0.3317,
0.3722

■ 54.4460, 0.3807,
0.5275


■ 63.2279, 0.3206,
0.3465


 53.8572, 0.3792,
0.5357


 64.9560, 0.3096,
0.3222

 53.6980, 0.3785,
0.5377

 66.8447, 0.2991,
0.2996

 68.7041, 0.2911,
0.2818

 69.4804, 0.2944,
0.2823

 70.2791, 0.2978,
0.2827

Harmonies

Analogous

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



57.8057, 0.4173, 0.4285



57.8057, 0.3627, 0.4517



57.8057, 0.2978, 0.4339

Triad

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



57.8057, 0.3627, 0.4517



57.8057, 0.1953, 0.2544



57.8057, 0.3846, 0.2854

Complementary

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



57.8057, 0.3627, 0.4517



21.0896, 0.2427, 0.1886

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.



57.8057, 0.3166, 0.2483



57.8057, 0.3627, 0.4517



57.8057, 0.2124, 0.2290

Square

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



57.8057, 0.3627, 0.4517



57.8057, 0.2044, 0.3061



57.8057, 0.2543, 0.2281



57.8057, 0.4338, 0.3329

Rectangle

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



57.8057, 0.3627, 0.4517



57.8057, 0.2576, 0.3979



57.8057, 0.2543, 0.2281



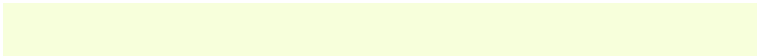
57.8057, 0.3627, 0.2715

Sweetspot

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



57.8083, 0.3627, 0.4517



96.3734, 0.3284, 0.3644



31.4754, 0.4273, 0.3562



20.5173, 0.3308, 0.3701



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.



57.8083, 0.3627, 0.4517



88.0551, 0.3709, 0.4771



52.7328, 0.3248, 0.4683



13.6537, 0.3231, 0.3522



32.8038, 0.3791, 0.5372



1.8686, 0.3869, 0.5310

Inverse Universe

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



21.0896, 0.2427, 0.1886



24.1687, 0.2234, 0.1544



25.9627, 0.2890, 0.2051



11.5481, 0.3017, 0.3052



3.2704, 0.1632, 0.0673



0.2198, 0.1821, 0.0777

Previews

White Background



This preview shows how the Yxy color 57.8057, 0.3627, 0.4517 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 57.8057, 0.3627, 0.4517 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 57.8057, 0.3627, 0.4517

Background



This preview shows how black text looks on a background with the Yxy color 57.8057, 0.3627, 0.4517.



This preview shows how white text looks on a background with the Yxy color 57.8057, 0.3627, 0.4517.

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

57.8057, 0.3627, 0.4517

Protanopia

57.5857, 0.3982, 0.4341

Deuteranopia

57.5772, 0.4170, 0.4087



Tritanopia

57.5226, 0.3028, 0.3102

Trichromacy



Original Color

57.8057, 0.3627, 0.4517

Protanomaly

57.6783, 0.3851, 0.4414

Deuteranomaly

57.2910, 0.3972, 0.4241

Tritanomaly

57.0175, 0.3254, 0.3598

Monochromacy



Original Color

57.8057, 0.3627, 0.4517

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

54.4383, 0.3322, 0.3746

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8057, 0.3627, 0.4517 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(187, 210, 111)` looks like.

```
.text, #text, p{  
    color:rgb(187, 210, 111)  
}
```

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(187, 210, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 210, 111) }
```

Border

The CSS property to change the border of an element to Yxy 57.8057, 0.3627, 0.4517 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(187, 210, 111) }
```

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

```
.border{ border-color:rgb(187, 210, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 210, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 210, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 210, 111);  
box-shadow:4px 4px 4px 4px rgb(187, 210,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8057, 0.3627, 0.4517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 210, 111) }
```

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

```
.background{ background-color: rgb(187,  
210, 111) }
```

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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