

Converting Colors

Yxy(52.6892, 0.3559, 0.4173)

Have a look what the booklet for
Yxy(52.6892, 0.3559, 0.4173)
contains.

Yxy(52.6645, 0.3560, 0.4175)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.6645, 0.3560, 0.4175)

Conversions

Conversions Part 1

Format	Color
Hex	BCC681
RGB	188, 198, 129
RGB Percent	74%, 78%, 51%
CMY	0.2625, 0.2236, 0.4941
CMYK	0.05, 0.00, 0.35, 0.22
HSL	69°, 38%, 64%
HSV	69°, 35%, 78%
XYZ	44.9067, 52.6645, 28.5713
YIQ	187.1440, 16.1890, -23.5790

Conversions

Conversions Part 2

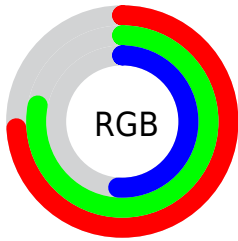
Format	Color
RYB	129, 198, 139
Decimal	12371585
CIELab	77.68, -14.35, 33.47
CIELCh	78, 36.415, 113.207
Yxy	52.6645, 0.3560, 0.4175
Android (android.graphics.Color)	4290561665 (0xFFBCC681)
YUV	187.1440, -28.6650, 0.7507
Hunter-Lab	72.5703, -16.5417, 27.4565

Details

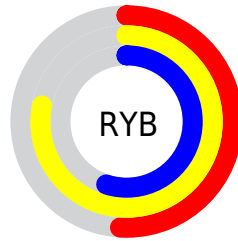
The Yxy color **52.6645, 0.3560, 0.4175** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.2649, 0.2590, 0.2282**, and the grayscale version is **49.9440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3514, 0.3488, 0.4015**, and **25.5794, 0.3657, 0.4409** is the 20% darker color. If you saturate the color by 10%, you get **51.8317, 0.3673, 0.4426**, and if you desaturate by 10%, it is **53.6112, 0.3438, 0.3916**.

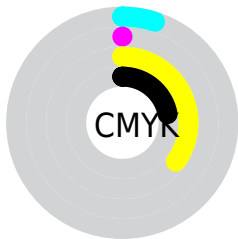
Distribution



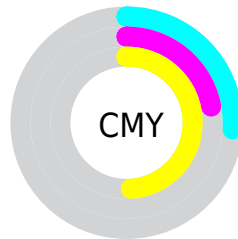
- Red (74%)
- Green (78%)
- Blue (51%)



- Red (51%)
- Yellow (78%)
- Blue (55%)



- Cyan (5%)
- Magenta (0%)
- Yellow (35%)
- Black (22%)




- Cyan (26%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6645, 0.3560, 0.4175 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 52.6645, 0.3560, 0.4175 by changing the saturation by 10% instead.


 52.6645, 0.3560,
0.4175


 52.6645, 0.3560,
0.4175


396.9966, 0.3359,
0.3733

 37.5350, 0.3604,
0.4283


 94.1105, 0.3491,
0.4016

 25.6220, 0.3657,
0.4420


 121.1958, 0.3464,
0.3955

 16.5411, 0.3720,
0.4598


 153.0352, 0.3441,
0.3904

 9.9078, 0.3794,
0.4837

190.0130, 0.3420,
0.3860

 5.3379, 0.3870,
0.5165

232.5136, 0.3402,
0.3822

 2.4468, 0.4102,
0.5898

280.9215, 0.3386,

 0.8498, 0.3499,

0.3789

0.6501

335.6210, 0.3372,
0.3760

0.0000, 0.0000,
0.0000

52.6645, 0.3560,
0.4175

52.6645, 0.3560,
0.4175

51.8317, 0.3673,
0.4426

53.6112, 0.3438,
0.3916

51.0997, 0.3772,
0.4658

54.6702, 0.3312,
0.3658

50.4644, 0.3852,
0.4861


55.8490, 0.3187,
0.3407


49.9183, 0.3908,
0.5026


57.1522, 0.3065,
0.3169


49.4530, 0.3939,
0.5147

58.5845, 0.2949,
0.2946

 49.0581, 0.3944,
0.5224

 60.1501, 0.2840,
0.2741

 48.8714, 0.3940,
0.5253

 61.0143, 0.2815,
0.2673

 61.4312, 0.2835,
0.2676

 61.8556, 0.2855,
0.2680

Harmonies

Analogous

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



52.6645, 0.3940, 0.4016



52.6645, 0.3560, 0.4175



52.6645, 0.3081, 0.4059

Triad

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



52.6645, 0.3560, 0.4175



52.6645, 0.2237, 0.2781



52.6645, 0.3608, 0.2935

Complementary

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



52.6645, 0.3560, 0.4175



25.2649, 0.2590, 0.2282

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.



52.6645, 0.3113, 0.2657



52.6645, 0.3560, 0.4175



52.6645, 0.2350, 0.2553

Square

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



52.6645, 0.3560, 0.4175



52.6645, 0.2336, 0.3186



52.6645, 0.2658, 0.2518



52.6645, 0.3983, 0.3300

Rectangle

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



52.6645, 0.3560, 0.4175



52.6645, 0.2773, 0.3825



52.6645, 0.2658, 0.2518



52.6645, 0.3448, 0.2829

Sweetspot

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



52.6669, 0.3560, 0.4175



97.7755, 0.3253, 0.3539



31.8268, 0.3902, 0.3415



20.8649, 0.3271, 0.3575



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.



52.6669, 0.3560, 0.4175



92.1069, 0.3649, 0.4372



48.8681, 0.3275, 0.4263



12.3367, 0.3243, 0.3520



31.8152, 0.3944, 0.5250



1.5282, 0.3999, 0.5207

Inverse Universe

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



25.2649, 0.2590, 0.2282



36.1887, 0.2443, 0.2019



28.6305, 0.2912, 0.2368



10.3595, 0.3005, 0.3053



2.8396, 0.1563, 0.0634



0.1587, 0.1725, 0.0724

Previews

White Background



This preview shows how the Yxy color 52.6645, 0.3560, 0.4175 looks on a white background.

Color Contrast Check

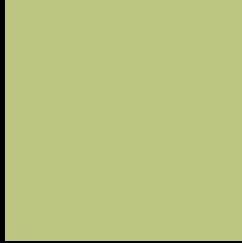
Large Text (above 18pt) WCAG AA × Fail

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 52.6645, 0.3560, 0.4175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

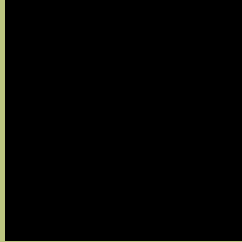
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6645, 0.3560, 0.4175

Background



This preview shows how black text looks on a background with the Yxy color 52.6645, 0.3560, 0.4175.



This preview shows how white text looks on a background with the Yxy color 52.6645, 0.3560, 0.4175.

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

52.6645, 0.3560, 0.4175

Protanopia

52.6155, 0.3782, 0.4092

Deuteranopia

52.1909, 0.3965, 0.3875



Tritanopia

52.6251, 0.3079, 0.3109

Trichromacy



Original Color

52.6645, 0.3560, 0.4175

Protanomaly

52.5334, 0.3704, 0.4121

Deuteranomaly

51.9013, 0.3815, 0.3975

Tritanomaly

52.3429, 0.3258, 0.3478

Monochromacy



Original Color

52.6645, 0.3560, 0.4175

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.5796, 0.3286, 0.3613

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6645, 0.3560, 0.4175 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(188, 198, 129)` looks like.

```
.text, #text, p{  
    color:rgb(188, 198, 129)  
}
```

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(188, 198, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 198, 129) }
```

Border

The CSS property to change the border of an element to Yxy 52.6645, 0.3560, 0.4175 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(188, 198, 129) }
```

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

```
.border{ border-color:rgb(188, 198, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 198, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 198, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 198, 129);  
box-shadow:4px 4px 4px 4px rgb(188, 198,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6645, 0.3560, 0.4175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 198, 129) }
```

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

```
.background{ background-color: rgb(188,  
198, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor