

Converting Colors

$Yxy(45.1664, 0.3486, 0.3825)$

Have a look what the booklet for
Yxy(45.1664, 0.3486, 0.3825)
contains.

| | |
|---|----|
| Yxy(45.1612, 0.3483, 0.3827) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(45.1612, 0.3483, 0.3827)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B8B58D |
| RGB | 184, 181, 141 |
| RGB Percent | 72%, 71%, 55% |
| CMY | 0.2783, 0.2902, 0.4471 |
| CMYK | 0.00, 0.02, 0.23, 0.28 |
| HSL | 56°, 23%, 64% |
| HSV | 56°, 23%, 72% |
| XYZ | 41.1018, 45.1612, 31.7438 |
| YIQ | 177.3370, 14.6280, -11.8040 |

Conversions

Conversions Part 2

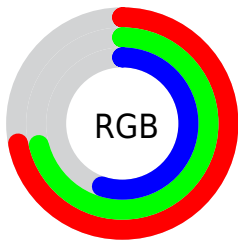
| Format | Color |
|-------------------------------------|--|
| RYB | 144, 184, 141 |
| Decimal | 12105101 |
| CIELab | 73.00, -5.51, 20.83 |
| CIELCh | 73, 21.545, 104.813 |
| Yxy | 45.1612, 0.3483, 0.3827 |
| Android (android.graphics.Color) | 4290295181 (0xFFB8B58D) |
| YUV | 177.3370, -17.9141, 5.8435 |
| Hunter-Lab | 67.2021, -8.4305, 19.0350 |

Details

The Yxy color $45.1612, 0.3483, 0.3827$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $29.0724, 0.2739, 0.2690$, and the grayscale version is $44.2450, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.0338, 0.3415, 0.3728$, and $21.0190, 0.3583, 0.3970$ is the 20% darker color. If you saturate the color by 10%, you get $44.1369, 0.3640, 0.4058$, and if you desaturate by 10%, it is $46.2854, 0.3327, 0.3594$.

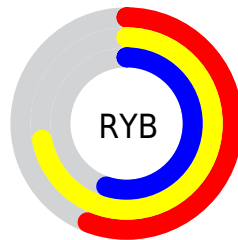
Distribution



Red (72%)

Green (71%)

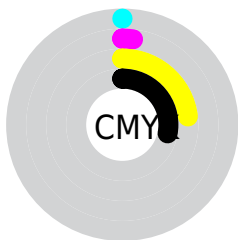
Blue (55%)



Red (56%)

Yellow (72%)

Blue (55%)

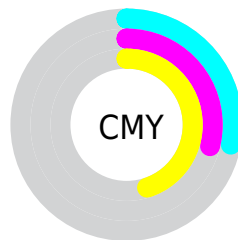


Cyan (0%)

Magenta (2%)

Yellow (23%)

Black (28%)



Cyan (28%)


Magenta (29%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.1612, 0.3483, 0.3827 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 45.1612, 0.3483, 0.3827 by changing the saturation by 10% instead.

 45.1612, 0.3483,
0.3827


 45.1612, 0.3483,
0.3827

367.4260, 0.3307,
0.3555

 31.5844, 0.3526,
0.3896


 82.9623, 0.3420,
0.3727

 21.0443, 0.3580,
0.3984


 107.9553, 0.3396,
0.3690

 13.1564, 0.3651,
0.4102


 137.5226, 0.3375,
0.3659

 7.5363, 0.3746,
0.4267

172.0485, 0.3358,
0.3632

 3.7997, 0.3877,
0.4508

211.9174, 0.3342,
0.3609

 1.5622, 0.4367,
0.5260

257.5137, 0.3329,

 0.3319, 0.3529,

0.3588

0.6471

309.2218, 0.3317,
0.3571

0.0000, 0.0000,
0.0000

45.1612, 0.3483,
0.3827

45.1612, 0.3483,
0.3827

44.1369, 0.3640,
0.4058

46.2854, 0.3327,
0.3594

43.2020, 0.3792,
0.4279

47.5078, 0.3177,
0.3365

42.3535, 0.3935,
0.4481

48.8341, 0.3034,
0.3147

41.5862, 0.4061,
0.4654

50.2682, 0.2900,
0.2940

40.8941, 0.4166,
0.4790

51.8136, 0.2777,
0.2749

■ 40.2701, 0.4245,
0.4883

■ 53.4736, 0.2665,
0.2573

■ 39.7061, 0.4297,
0.4933

■ 54.2611, 0.2645,
0.2552

■ 39.3548, 0.4322,
0.4951

■ 54.8238, 0.2647,
0.2567

■ 55.3915, 0.2648,
0.2582

Harmonies

Analogous

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



45.1612, 0.3683, 0.3708



45.1612, 0.3483, 0.3827



45.1612, 0.3193, 0.3792

Triad

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



45.1612, 0.3483, 0.3827



45.1612, 0.2560, 0.3043



45.1612, 0.3347, 0.3006

Complementary

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



45.1612, 0.3483, 0.3827



29.0724, 0.2739, 0.2690

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.



45.1612, 0.3038, 0.2845



45.1612, 0.3483, 0.3827



45.1612, 0.2595, 0.2854

Square

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



45.1612, 0.3483, 0.3827



45.1612, 0.2667, 0.3318



45.1612, 0.2765, 0.2788



45.1612, 0.3605, 0.3237

Rectangle

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



45.1612, 0.3483, 0.3827



45.1612, 0.2991, 0.3679



45.1612, 0.2765, 0.2788



45.1612, 0.3245, 0.2942

Sweetspot

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



45.1632, 0.3483, 0.3827



85.2493, 0.3232, 0.3450



31.2699, 0.3563, 0.3241



18.3495, 0.3241, 0.3463



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



45.1632, 0.3483, 0.3827



80.8820, 0.3563, 0.3945



44.3298, 0.3313, 0.3896



10.3924, 0.3265, 0.3500



27.1587, 0.4320, 0.4952



0.9899, 0.4284, 0.4981

Inverse Universe

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



29.0724, 0.2739, 0.2690



46.6728, 0.2643, 0.2538



29.8697, 0.2905, 0.2673



8.8181, 0.2984, 0.3071



2.6228, 0.1515, 0.0653



0.1269, 0.1573, 0.0862

Previews

White Background



This preview shows how the Yxy color 45.1612, 0.3483, 0.3827 looks on a white background.

Color Contrast Check

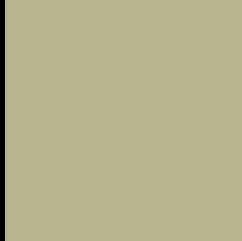
Large Text (above 18pt) WCAG AA × Fail

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 45.1612, 0.3483, 0.3827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

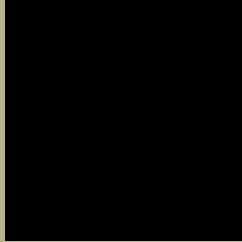
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

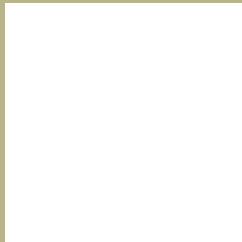
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.1612, 0.3483, 0.3827

Background



This preview shows how black text looks on a background with the Yxy color 45.1612, 0.3483, 0.3827.



This preview shows how white text looks on a background with the Yxy color 45.1612, 0.3483, 0.3827.

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

45.1612, 0.3483, 0.3827

Protanopia

45.2100, 0.3562, 0.3804

Deuteranopia

45.0435, 0.3731, 0.3653



Tritanopia

45.2379, 0.3152, 0.3125

Trichromacy



Original Color

45.1612, 0.3483, 0.3827

Protanomaly

45.2273, 0.3531, 0.3821

Deuteranomaly

44.8923, 0.3643, 0.3714

Tritanomaly

45.0759, 0.3274, 0.3369

Monochromacy



Original Color

45.1612, 0.3483, 0.3827

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.2244, 0.3260, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1612, 0.3483, 0.3827 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(184, 181, 141)` looks like.

```
.text, #text, p{  
    color:rgb(184, 181, 141)  
}
```

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(184, 181, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 181, 141) }
```

Border

The CSS property to change the border of an element to Yxy 45.1612, 0.3483, 0.3827 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(184, 181, 141) }
```

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

```
.border{ border-color:rgb(184, 181, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 181, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 181, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 181, 141);  
box-shadow:4px 4px 4px 4px rgb(184, 181,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1612, 0.3483, 0.3827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 181, 141) }
```

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

```
.background{ background-color: rgb(184,  
181, 141) }
```

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