

Converting Colors

$Yxy(44.4274, 0.3693, 0.4245)$

Have a look what the booklet for
Yxy(44.4274, 0.3693, 0.4245)
contains.

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Color

Yxy(44.4274, 0.3693, 0.4245)

Conversions

Conversions Part 1

Format	Color
Hex	B5B66F
RGB	181, 182, 111
RGB Percent	71%, 71%, 44%
CMY	0.2903, 0.2862, 0.5647
CMYK	0.01, 0.00, 0.39, 0.29
HSL	61°, 33%, 57%
HSV	61°, 39%, 71%
XYZ	38.6503, 44.4274, 21.5805
YIQ	173.6070, 22.1950, -22.2930

Conversions

Conversions Part 2

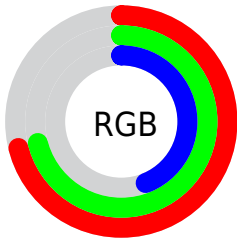
Format	Color
RYB	111, 182, 112
Decimal	11908719
CIELab	72.51, -11.09, 36.00
CIELCh	73, 37.670, 107.123
Yxy	44.4274, 0.3693, 0.4245
Android (android.graphics.Color)	4290098799 (0xFFB5B66F)
YUV	173.6070, -30.8653, 6.4837
Hunter-Lab	66.6539, -13.1384, 27.4614

Details

The Yxy color **44.4274, 0.3693, 0.4245** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **18.1973, 0.2429, 0.2124**, and the grayscale version is **42.2682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0066, 0.3597, 0.4066**, and **20.5495, 0.3838, 0.4521** is the 20% darker color. If you saturate the color by 10%, you get **44.0365, 0.3824, 0.4468**, and if you desaturate by 10%, it is **44.9041, 0.3551, 0.4004**.

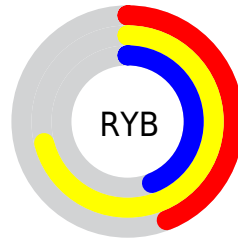
Distribution



Red (71%)

Green (71%)

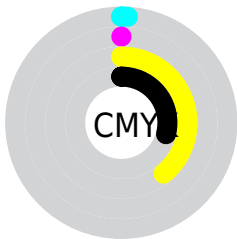
Blue (44%)



Red (44%)

Yellow (71%)

Blue (44%)

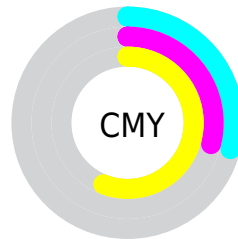


Cyan (1%)

Magenta (0%)

Yellow (39%)

Black (29%)



Cyan (29%)

Magenta (29%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4274, 0.3693, 0.4245 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 44.4274, 0.3693, 0.4245 by changing the saturation by 10% instead.

■ 44.4274, 0.3693,
0.4245

■ 44.4274, 0.3693,
0.4245

364.4495, 0.3421,
0.3760

■ 31.0067, 0.3754,
0.4365

■ 81.8605, 0.3598,
0.4068

■ 20.6039, 0.3829,
0.4518

■ 106.6416, 0.3561,
0.4002

■ 12.8348, 0.3917,
0.4717

■ 135.9783, 0.3530,
0.3946

■ 7.3149, 0.4019,
0.4979

■ 170.2550, 0.3502,
0.3898

■ 3.6598, 0.4230,
0.5476

209.8561, 0.3478,
0.3856

■ 1.4851, 0.4171,
0.5829

255.1660, 0.3457,

■ 0.2782, 0.0000,

0.3820

1.0000

306.5690, 0.3438,
0.3788

0.0000, 0.0000,
0.0000

44.4274, 0.3693,
0.4245

44.4274, 0.3693,
0.4245

44.0365, 0.3824,
0.4468

44.9041, 0.3551,
0.4004

43.7204, 0.3939,
0.4665

45.4651, 0.3404,
0.3756

43.4755, 0.4033,
0.4827


46.1166, 0.3257,
0.3508


43.2955, 0.4101,
0.4948

46.8627, 0.3113,
0.3267

43.1731, 0.4145,
0.5026


47.7070, 0.2976,
0.3037


 43.0949, 0.4166,
0.5069

 48.6531, 0.2848,
0.2822

 43.0878, 0.4168,
0.5072

 49.7042, 0.2729,
0.2623

 50.7588, 0.2629,
0.2456

 50.7913, 0.2631,
0.2457

Harmonies

Analogous

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



44.4274, 0.4072, 0.4014



44.4274, 0.3693, 0.4245



44.4274, 0.3180, 0.4191

Triad

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



44.4274, 0.3693, 0.4245



44.4274, 0.2164, 0.2805



44.4274, 0.3547, 0.2832

Complementary

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



44.4274, 0.3693, 0.4245



18.1973, 0.2429, 0.2124

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.



44.4274, 0.3000, 0.2560



44.4274, 0.3693, 0.4245



44.4274, 0.2241, 0.2520

Square

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



44.4274, 0.3693, 0.4245



44.4274, 0.2315, 0.3279



44.4274, 0.2532, 0.2444



44.4274, 0.4000, 0.3211

Rectangle

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



44.4274, 0.3693, 0.4245



44.4274, 0.2835, 0.3971



44.4274, 0.2532, 0.2444



44.4274, 0.3365, 0.2727

Sweetspot

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



44.4294, 0.3693, 0.4245



83.2028, 0.3304, 0.3587



22.4662, 0.4082, 0.3293



18.3426, 0.3323, 0.3619



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.



44.4294, 0.3693, 0.4245



79.9065, 0.3809, 0.4443



40.7661, 0.3372, 0.4357



10.4965, 0.3262, 0.3516



30.4270, 0.4168, 0.5072



1.0748, 0.4175, 0.5067

Inverse Universe

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



18.1973, 0.2429, 0.2124



25.5013, 0.2244, 0.1815



20.9077, 0.2777, 0.2226



8.7255, 0.2986, 0.3054



2.3997, 0.1506, 0.0603



0.0867, 0.1528, 0.0615

Previews

White Background



This preview shows how the Yxy color 44.4274, 0.3693, 0.4245 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 44.4274, 0.3693, 0.4245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

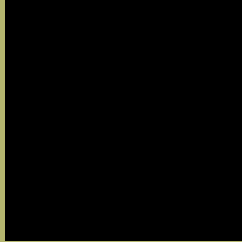
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4274, 0.3693, 0.4245

Background



This preview shows how black text looks on a background with the Yxy color 44.4274, 0.3693, 0.4245.



This preview shows how white text looks on a background with the Yxy color 44.4274, 0.3693, 0.4245.

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

44.4274, 0.3693, 0.4245

Protanopia

44.4143, 0.3853, 0.4181

Deuteranopia

44.2605, 0.4049, 0.3970



Tritanopia

44.4221, 0.3162, 0.3111

Trichromacy



Original Color

44.4274, 0.3693, 0.4245

Protanomaly

44.1848, 0.3792, 0.4197

Deuteranomaly

44.0209, 0.3919, 0.4062

Tritanomaly

44.1187, 0.3369, 0.3516

Monochromacy



Original Color

44.4274, 0.3693, 0.4245

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.0258, 0.3343, 0.3647

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4274, 0.3693, 0.4245 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(181, 182, 111)` looks like.

```
.text, #text, p{  
    color:rgb(181, 182, 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(181, 182, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 182, 111) }
```

Border

The CSS property to change the border of an element to Yxy 44.4274, 0.3693, 0.4245 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(181, 182, 111) }
```

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

```
.border{ border-color:rgb(181, 182, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 182, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 182, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 182, 111);  
box-shadow:4px 4px 4px 4px rgb(181, 182,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4274, 0.3693, 0.4245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 182, 111) }
```

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

```
.background{ background-color: rgb(181,  
182, 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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