

Converting Colors

$Y_{xy}(43.6095, 0.3943, 0.4415)$

Have a look what the booklet for
Yxy(43.6095, 0.3943, 0.4415)
contains.

Yxy(43.4149, 0.3941, 0.4410)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.4149, 0.3941, 0.4410)

Conversions

Conversions Part 1

Format	Color
Hex	BDB25B
RGB	189, 178, 91
RGB Percent	74%, 70%, 36%
CMY	0.2588, 0.3020, 0.6431
CMYK	0.00, 0.06, 0.52, 0.26
HSL	53°, 43%, 55%
HSV	53°, 52%, 74%
XYZ	38.7978, 43.4149, 16.2338
YIQ	171.3710, 34.4830, -24.7250

Conversions

Conversions Part 2

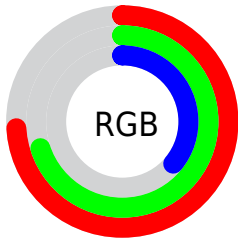
Format	Color
RYB	103, 189, 91
Decimal	12431963
CIELab	71.84, -7.70, 45.39
CIELCh	72, 46.038, 99.628
Yxy	43.4149, 0.3941, 0.4410
Android (android.graphics.Color)	4290622043 (0xFFBDB25B)
YUV	171.3710, -39.6229, 15.4606
Hunter-Lab	65.8900, -10.2020, 31.5153

Details

The Yxy color **43.4149, 0.3941, 0.4410** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **15.4063, 0.2178, 0.1838**, and the grayscale version is **41.1134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6030, 0.3807, 0.4219**, and **20.0683, 0.4111, 0.4705** is the 20% darker color. If you saturate the color by 10%, you get **42.2920, 0.4081, 0.4583**, and if you desaturate by 10%, it is **44.6371, 0.3787, 0.4211**.

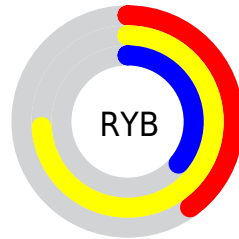
Distribution



Red (74%)

Green (70%)

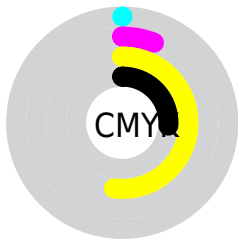
Blue (36%)



Red (40%)

Yellow (74%)

Blue (36%)

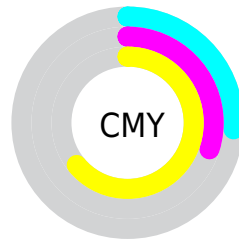


Cyan (0%)

Magenta (6%)

Yellow (52%)

Black (26%)



Cyan (26%)

Magenta (30%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4149, 0.3941, 0.4410 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 43.4149, 0.3941, 0.4410 by changing the saturation by 10% instead.


 43.4149, 0.3941,
0.4410


 43.4149, 0.3941,
0.4410


360.3153, 0.3553,
0.3853


 30.2108, 0.4026,
0.4541


 80.3366, 0.3808,
0.4212


 19.9986, 0.4125,
0.4702


 104.8229, 0.3755,
0.4136

 12.3941, 0.4238,
0.4899


 133.8389, 0.3709,
0.4071

 7.0126, 0.4365,
0.5148

 167.7687, 0.3670,
0.4015

 3.4700, 0.4512,
0.5488

206.9969, 0.3635,
0.3967

 1.3818, 0.4379,
0.5621

251.9077, 0.3604,

 0.2032, 0.0249,

0.3924

0.9751

302.8857, 0.3577,
0.3886

0.0000, 0.0000,
0.0000

43.4149, 0.3941,
0.4410

43.4149, 0.3941,
0.4410

42.2920, 0.4081,
0.4583

44.6371, 0.3787,
0.4211

41.2559, 0.4202,
0.4720

45.9583, 0.3626,
0.3995

40.3015, 0.4298,
0.4816

47.3855, 0.3464,
0.3771

39.4200, 0.4366,
0.4867

48.9237, 0.3306,
0.3547

38.7421, 0.4406,
0.4884

50.5773, 0.3154,
0.3329

■ 52.3506, 0.3012,
0.3122

■ 54.2474, 0.2881,
0.2927

■ 56.2716, 0.2761,
0.2746

■ 58.0262, 0.2686,
0.2640

Harmonies

Analogous

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



43.4149, 0.4350, 0.4041



43.4149, 0.3941, 0.4410



43.4149, 0.3338, 0.4474

Triad

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



43.4149, 0.3941, 0.4410



43.4149, 0.1987, 0.2809



43.4149, 0.3470, 0.2641

Complementary

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



43.4149, 0.3941, 0.4410



15.4063, 0.2178, 0.1838

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.



43.4149, 0.2807, 0.2361



43.4149, 0.3941, 0.4410



43.4149, 0.2014, 0.2413

Square

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



43.4149, 0.3941, 0.4410



43.4149, 0.2226, 0.3435



43.4149, 0.2295, 0.2273



43.4149, 0.4087, 0.3062

Rectangle

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



43.4149, 0.3941, 0.4410



43.4149, 0.2911, 0.4271



43.4149, 0.2295, 0.2273



43.4149, 0.3242, 0.2529

Sweetspot

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



43.4169, 0.3941, 0.4410



86.3699, 0.3375, 0.3645



19.2722, 0.4422, 0.3139



18.4521, 0.3407, 0.3691



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



43.4169, 0.3941, 0.4410



75.5132, 0.4096, 0.4600



43.7786, 0.3529, 0.4691



10.9324, 0.3267, 0.3492



26.1329, 0.4403, 0.4886



1.0764, 0.4346, 0.4931

Inverse Universe

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



15.4063, 0.2178, 0.1838



20.0779, 0.1962, 0.1484



15.7923, 0.2498, 0.1800



9.3934, 0.2984, 0.3080



2.8972, 0.1526, 0.0691



0.1715, 0.1608, 0.0987

Previews

White Background



This preview shows how the Yxy color 43.4149, 0.3941, 0.4410 looks on a white background.

Color Contrast Check

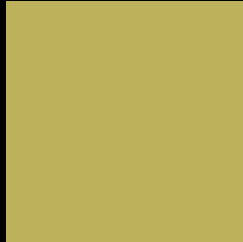
Large Text (above 18pt) WCAG AA × Fail

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 43.4149, 0.3941, 0.4410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

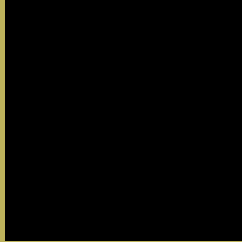
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4149, 0.3941, 0.4410

Background



This preview shows how black text looks on a background with the Yxy color 43.4149, 0.3941, 0.4410.



This preview shows how white text looks on a background with the Yxy color 43.4149, 0.3941, 0.4410.

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

43.4149, 0.3941, 0.4410

Protanopia

43.2582, 0.4010, 0.4378

Deuteranopia

43.4123, 0.4248, 0.4159



Tritanopia

43.3472, 0.3291, 0.3126

Trichromacy



Original Color

43.4149, 0.3941, 0.4410

Protanomaly

43.3889, 0.3984, 0.4397

Deuteranomaly

43.4172, 0.4131, 0.4252

Tritanomaly

43.2453, 0.3551, 0.3605

Monochromacy



Original Color

43.4149, 0.3941, 0.4410

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.6901, 0.3436, 0.3733

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4149, 0.3941, 0.4410 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(189, 178, 91)` looks like.

```
.text, #text, p{  
    color:rgb(189, 178, 91)  
}
```

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(189, 178, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 178, 91) }
```

Border

The CSS property to change the border of an element to Yxy 43.4149, 0.3941, 0.4410 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(189, 178, 91) }
```

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

```
.border{ border-color:rgb(189, 178, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 178, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 178, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 178, 91);  
box-shadow:4px 4px 4px 4px rgb(189, 178,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4149, 0.3941, 0.4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 178, 91) }
```

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

```
.background{ background-color: rgb(189,  
178, 91) }
```

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