

Converting Colors

Yxy(50.8374, 0.3825, 0.4333)

Have a look what the booklet for
Yxy(50.8374, 0.3825, 0.4333)
contains.

Yxy(50.7878, 0.3824, 0.4331)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.7878, 0.3824, 0.4331)

Conversions

Conversions Part 1

Format	Color
Hex	C6C06C
RGB	198, 192, 108
RGB Percent	78%, 75%, 42%
CMY	0.2236, 0.2470, 0.5763
CMYK	0.00, 0.03, 0.45, 0.22
HSL	56°, 44%, 60%
HSV	56°, 45%, 78%
XYZ	44.8424, 50.7878, 21.6355
YIQ	184.2180, 30.5400, -24.8520

Conversions

Conversions Part 2

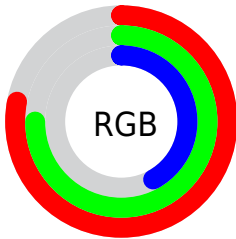
Format	Color
RYB	114, 198, 108
Decimal	13025388
CIELab	76.55, -9.68, 42.86
CIELCh	77, 43.942, 102.728
Yxy	50.7878, 0.3824, 0.4331
Android (android.graphics.Color)	4291215468 (0xFFC6C06C)
YUV	184.2180, -37.5755, 12.0868
Hunter-Lab	71.2656, -12.3972, 31.8860

Details

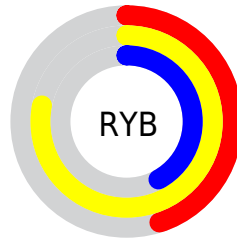
The Yxy color **50.7878, 0.3824, 0.4331** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **19.3016, 0.2293, 0.1976**, and the grayscale version is **48.2600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9680, 0.3706, 0.4150**, and **24.5215, 0.3969, 0.4601** is the 20% darker color. If you saturate the color by 10%, you get **49.8408, 0.3963, 0.4528**, and if you desaturate by 10%, it is **51.8404, 0.3673, 0.4112**.

Distribution



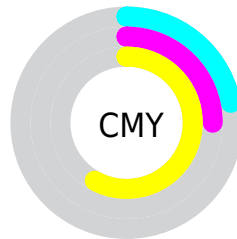
- Red (78%)
- Green (75%)
- Blue (42%)



- Red (45%)
- Yellow (78%)
- Blue (42%)



- Cyan (0%)
- Magenta (3%)
- Yellow (45%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7878, 0.3824, 0.4331 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 50.7878, 0.3824, 0.4331 by changing the saturation by 10% instead.


 50.7878, 0.3824,
0.4331


 50.7878, 0.3824,
0.4331


389.7388, 0.3499,
0.3820


 36.0398, 0.3895,
0.4451


 91.3410, 0.3713,
0.4150

 24.4649, 0.3978,
0.4599


 117.9150, 0.3669,
0.4080

 15.6788, 0.4075,
0.4785


 149.1997, 0.3631,
0.4021

 9.2972, 0.4183,
0.5017

 185.5797, 0.3598,
0.3970

 4.9355, 0.4369,
0.5408

227.4391, 0.3568,
0.3925

 2.2095, 0.4341,
0.5659

275.1625, 0.3542,

 0.7252, 0.3844,

0.3886

0.6156

329.1343, 0.3519,
0.3851

0.0000, 0.0000,
0.0000

50.7878, 0.3824,
0.4331

50.7878, 0.3824,
0.4331

49.8408, 0.3963,
0.4528

51.8404, 0.3673,
0.4112

48.9857, 0.4084,
0.4694

52.9975, 0.3517,
0.3880

48.2175, 0.4182,
0.4821


54.2669, 0.3360,
0.3645

47.5276, 0.4254,
0.4905

55.6537, 0.3207,
0.3413

46.9055, 0.4299,
0.4946


57.1626, 0.3062,
0.3189

 46.6344, 0.4315,
0.4956

 58.7982, 0.2926,
0.2979

 60.5647, 0.2800,
0.2782

 61.7089, 0.2751,
0.2712

 62.3301, 0.2752,
0.2727

Harmonies

Analogous

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



50.7878, 0.4216, 0.4028



50.7878, 0.3824, 0.4331



50.7878, 0.3265, 0.4337

Triad

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



50.7878, 0.3824, 0.4331



50.7878, 0.2074, 0.2810



50.7878, 0.3504, 0.2731

Complementary

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



50.7878, 0.3824, 0.4331



19.3016, 0.2293, 0.1976

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.



50.7878, 0.2897, 0.2456



50.7878, 0.3824, 0.4331



50.7878, 0.2122, 0.2467

Square

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



50.7878, 0.3824, 0.4331



50.7878, 0.2272, 0.3361



50.7878, 0.2406, 0.2356



50.7878, 0.4043, 0.3131

Rectangle

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



50.7878, 0.3824, 0.4331



50.7878, 0.2878, 0.4125



50.7878, 0.2406, 0.2356



50.7878, 0.3299, 0.2623

Sweetspot

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



50.7901, 0.3824, 0.4331



96.4080, 0.3341, 0.3616



23.9507, 0.4252, 0.3214



20.5250, 0.3375, 0.3667



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.



50.7901, 0.3824, 0.4331



88.2168, 0.3968, 0.4535



48.8333, 0.3454, 0.4535



12.2918, 0.3267, 0.3503



30.3843, 0.4313, 0.4958



1.4759, 0.4285, 0.4979

Inverse Universe

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



19.3016, 0.2293, 0.1976



25.2776, 0.2079, 0.1627



21.0123, 0.2637, 0.2008



10.3986, 0.2983, 0.3067



2.8870, 0.1513, 0.0648



0.1770, 0.1559, 0.0813

Previews

White Background



This preview shows how the Yxy color 50.7878, 0.3824, 0.4331 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 50.7878, 0.3824, 0.4331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

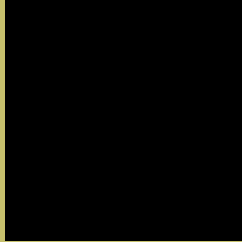
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7878, 0.3824, 0.4331

Background



This preview shows how black text looks on a background with the Yxy color 50.7878, 0.3824, 0.4331.



This preview shows how white text looks on a background with the Yxy color 50.7878, 0.3824, 0.4331.

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

50.7878, 0.3824, 0.4331

Protanopia

50.7221, 0.3929, 0.4279

Deuteranopia

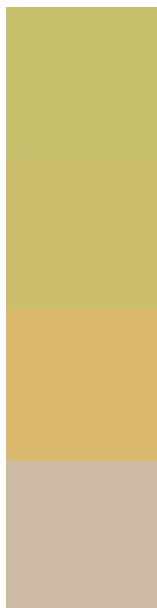
50.4482, 0.4153, 0.4068



Tritanopia

50.7068, 0.3228, 0.3123

Trichromacy



Original Color

50.7878, 0.3824, 0.4331

Protanomaly

50.7258, 0.3897, 0.4300

Deuteranomaly

50.3122, 0.4036, 0.4156

Tritanomaly

50.6355, 0.3460, 0.3563

Monochromacy



Original Color

50.7878, 0.3824, 0.4331

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.7598, 0.3390, 0.3693

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7878, 0.3824, 0.4331 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(198, 192, 108)` looks like.

```
.text, #text, p{  
    color:rgb(198, 192, 108)  
}
```

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(198, 192, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 192, 108) }
```

Border

The CSS property to change the border of an element to Yxy 50.7878, 0.3824, 0.4331 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(198, 192, 108) }
```

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

```
.border{ border-color:rgb(198, 192, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 192, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 192, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 192, 108);  
box-shadow:4px 4px 4px 4px rgb(198, 192,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7878, 0.3824, 0.4331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 192, 108) }
```

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

```
.background{ background-color: rgb(198,  
192, 108) }
```

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