

Converting Colors

$Yxy(44.5178, 0.3652, 0.3771)$

Have a look what the booklet for
Yxy(44.5178, 0.3652, 0.3771)
contains.

Yxy(44.3652, 0.3650, 0.3771)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.3652, 0.3650, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	C5AF8A
RGB	197, 175, 138
RGB Percent	77%, 69%, 54%
CMY	0.2275, 0.3137, 0.4589
CMYK	0.00, 0.11, 0.30, 0.23
HSL	38°, 34%, 66%
HSV	38°, 30%, 77%
XYZ	42.9417, 44.3652, 30.3415
YIQ	177.3600, 24.9890, -6.8430

Conversions

Conversions Part 2

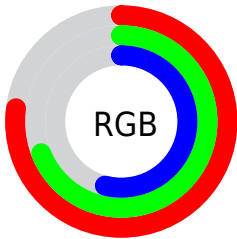
Format	Color
RYB	173, 197, 138
Decimal	12955530
CIELab	72.47, 2.32, 21.90
CIELCh	72, 22.026, 83.957
Yxy	44.3652, 0.3650, 0.3771
Android (android.graphics.Color)	4291145610 (0xFFC5AF8A)
YUV	177.3600, -19.4045, 17.2243
Hunter-Lab	66.6072, -1.4837, 19.6167

Details

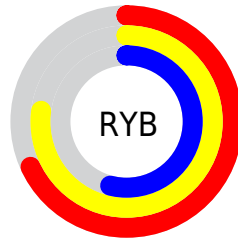
The Yxy color $44.3652, 0.3650, 0.3771$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $34.5680, 0.2641, 0.2756$, and the grayscale version is $44.2601, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.4702, 0.3551, 0.3676$, and $20.6213, 0.3789, 0.3907$ is the 20% darker color. If you saturate the color by 10%, you get $41.0669, 0.3857, 0.3935$, and if you desaturate by 10%, it is $47.9264, 0.3458, 0.3605$.

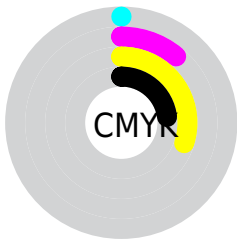
Distribution



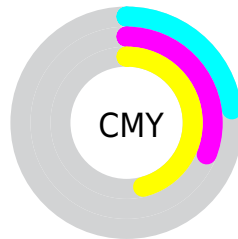
- Red (77%)
- Green (69%)
- Blue (54%)



- Red (68%)
- Yellow (77%)
- Blue (54%)



- Cyan (0%)
- Magenta (11%)
- Yellow (30%)
- Black (23%)





- Cyan (23%)
- Magenta (31%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3652, 0.3650, 0.3771 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 44.3652, 0.3650, 0.3771 by changing the saturation by 10% instead.


 44.3652, 0.3650,
0.3771


 44.3652, 0.3650,
0.3771


364.1965, 0.3387,
0.3532


 30.9577, 0.3715,
0.3830


 81.7670, 0.3554,
0.3685

 20.5667, 0.3799,
0.3904


 106.5301, 0.3519,
0.3652

 12.8076, 0.3909,
0.4001


 135.8472, 0.3488,
0.3624

 7.2962, 0.4060,
0.4132

170.1027, 0.3462,
0.3601

 3.6480, 0.4275,
0.4314

209.6810, 0.3440,
0.3580

 1.4787, 0.5013,
0.4987

254.9664, 0.3420,

 0.2737, 0.5365,

0.3562

0.4635

306.3435, 0.3403,
0.3546

0.0000, 0.0000,
0.0000

44.3652, 0.3650,
0.3771

44.3652, 0.3650,
0.3771

41.0669, 0.3857,
0.3935

47.9264, 0.3458,
0.3605

38.0174, 0.4076,
0.4090

51.7520, 0.3283,
0.3444

35.2101, 0.4299,
0.4226

55.8511, 0.3126,
0.3289

32.6356, 0.4518,
0.4331

60.2307, 0.2986,
0.3144

30.2835, 0.4721,
0.4395

64.8972, 0.2862,
0.3010

■ 28.1419, 0.4897,
0.4408

■ 69.7800, 0.2759,
0.2898

■ 26.1904, 0.5044,
0.4377

■ 73.6965, 0.2765,
0.2980

■ 26.1812, 0.5045,
0.4376

■ 77.7840, 0.2771,
0.3061

■ 82.0446, 0.2777,
0.3141

Harmonies

Analogous

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



44.3652, 0.3751, 0.3570



44.3652, 0.3650, 0.3771



44.3652, 0.3408, 0.3850

Triad

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



44.3652, 0.3650, 0.3771



44.3652, 0.2606, 0.3226



44.3652, 0.3132, 0.2873

Complementary

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



44.3652, 0.3650, 0.3771



34.5680, 0.2641, 0.2756

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.



44.3652, 0.2832, 0.2779



44.3652, 0.3650, 0.3771



44.3652, 0.2540, 0.2964

Square

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



44.3652, 0.3650, 0.3771



44.3652, 0.2807, 0.3526



44.3652, 0.2620, 0.2808



44.3652, 0.3444, 0.3065

Rectangle

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



44.3652, 0.3650, 0.3771



44.3652, 0.3204, 0.3811



44.3652, 0.2620, 0.2808



44.3652, 0.3026, 0.2829

Sweetspot

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



44.3672, 0.3650, 0.3771



93.2734, 0.3270, 0.3431



32.6039, 0.3536, 0.2993



19.7399, 0.3295, 0.3454



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.



44.3672, 0.3650, 0.3771



75.5144, 0.3785, 0.3880



52.7260, 0.3515, 0.4045



11.7270, 0.3274, 0.3435



17.3862, 0.5031, 0.4388



0.9588, 0.4812, 0.4561

Inverse Universe

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



34.5680, 0.2641, 0.2756



55.1460, 0.2526, 0.2615



28.2144, 0.2664, 0.2439



10.9242, 0.2983, 0.3141



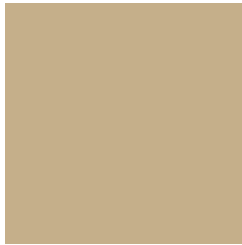
5.9693, 0.1667, 0.1201



0.4212, 0.1786, 0.1629

Previews

White Background



This preview shows how the Yxy color 44.3652, 0.3650, 0.3771 looks on a white background.

Color Contrast Check

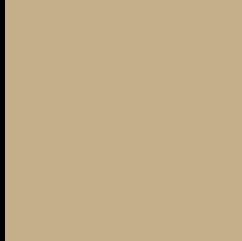
Large Text (above 18pt) WCAG AA × Fail

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 44.3652, 0.3650, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

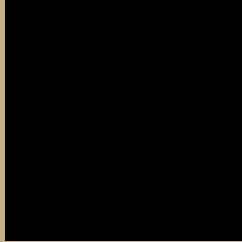
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3652, 0.3650, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 44.3652, 0.3650, 0.3771.



This preview shows how white text looks on a background with the Yxy color 44.3652, 0.3650, 0.3771.

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

44.3652, 0.3650, 0.3771

Protanopia

44.5237, 0.3555, 0.3808

Deuteranopia

44.3998, 0.3762, 0.3692



Tritanopia

44.3099, 0.3318, 0.3129

Trichromacy



Original Color

44.3652, 0.3650, 0.3771

Protanomaly

44.5148, 0.3587, 0.3791

Deuteranomaly

44.2065, 0.3719, 0.3710

Tritanomaly

44.1584, 0.3439, 0.3355

Monochromacy



Original Color

44.3652, 0.3650, 0.3771

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8854, 0.3307, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3652, 0.3650, 0.3771 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(197, 175, 138)` looks like.

```
.text, #text, p{  
    color:rgb(197, 175, 138)  
}
```

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(197, 175, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 175, 138) }
```

Border

The CSS property to change the border of an element to Yxy 44.3652, 0.3650, 0.3771 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(197, 175, 138) }
```

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

```
.border{ border-color:rgb(197, 175, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 175, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 175, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 175, 138);  
box-shadow:4px 4px 4px 4px rgb(197, 175,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3652, 0.3650, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 175, 138) }
```

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

```
.background{ background-color: rgb(197,  
175, 138) }
```

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