

Converting Colors

Yxy(52.3914, 0.3724, 0.4014)

Have a look what the booklet for
Yxy(52.3914, 0.3724, 0.4014)
contains.

Yxy(52.6306, 0.3727, 0.4024)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.6306, 0.3727, 0.4024)

Conversions

Conversions Part 1

Format	Color
Hex	CFC084
RGB	207, 192, 132
RGB Percent	81%, 75%, 52%
CMY	0.1882, 0.2470, 0.4824
CMYK	0.00, 0.07, 0.36, 0.19
HSL	48°, 44%, 66%
HSV	48°, 36%, 81%
XYZ	48.7461, 52.6306, 29.4151
YIQ	189.6450, 28.2000, -15.4800

Conversions

Conversions Part 2

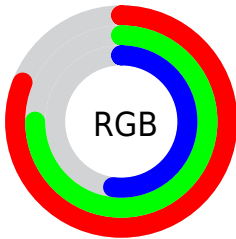
Format	Color
RYB	151, 207, 132
Decimal	13615236
CIELab	77.66, -3.47, 32.19
CIElCh	78, 32.372, 96.148
Yxy	52.6306, 0.3727, 0.4024
Android (android.graphics.Color)	4291805316 (0xFFCFC084)
YUV	189.6450, -28.4190, 15.2203
Hunter-Lab	72.5470, -7.0186, 26.7430

Details

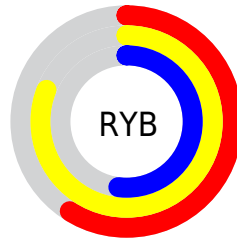
The Yxy color $52.6306, 0.3727, 0.4024$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $30.2725, 0.2502, 0.2427$, and the grayscale version is $51.4328, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.9400, 0.3554, 0.3906$, and $25.6537, 0.3864, 0.4215$ is the 20% darker color. If you saturate the color by 10%, you get $50.3296, 0.3904, 0.4219$, and if you desaturate by 10%, it is $55.1000, 0.3551, 0.3819$.

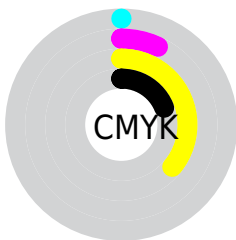
Distribution



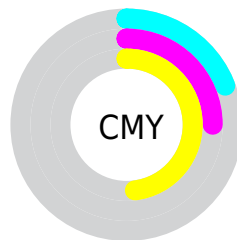
- Red (81%)
- Green (75%)
- Blue (52%)



- Red (59%)
- Yellow (81%)
- Blue (52%)



- Cyan (0%)
- Magenta (7%)
- Yellow (36%)
- Black (19%)




- Cyan (19%)
- Magenta (25%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6306, 0.3727, 0.4024 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 52.6306, 0.3727, 0.4024 by changing the saturation by 10% instead.


 52.6306, 0.3727,
0.4024


 52.6306, 0.3727,
0.4024

396.8663, 0.3439,
0.3666


 37.5080, 0.3794,
0.4109


 94.0606, 0.3626,
0.3897

 25.6010, 0.3876,
0.4215


 121.1367, 0.3587,
0.3848

 16.5254, 0.3979,
0.4349


 152.9661, 0.3553,
0.3807

 9.8967, 0.4110,
0.4524

189.9332, 0.3524,
0.3771

 5.3305, 0.4274,
0.4755

232.4224, 0.3499,
0.3740

 2.4425, 0.4692,
0.5308

280.8180, 0.3477,

 0.8476, 0.4596,

0.3712

0.5404

335.5045, 0.3457,
0.3688

0.0000, 0.0000,
0.0000

52.6306, 0.3727,
0.4024

52.6306, 0.3727,
0.4024

50.3296, 0.3904,
0.4219

55.1000, 0.3551,
0.3819

48.1826, 0.4077,
0.4395

57.7370, 0.3381,
0.3613

46.1843, 0.4236,
0.4542

60.5502, 0.3221,
0.3411

44.3258, 0.4376,
0.4650

63.5452, 0.3073,
0.3219

42.5970, 0.4489,
0.4713

66.7276, 0.2937,
0.3037

■ 40.9853, 0.4573,
0.4730

■ 70.0255, 0.2820,
0.2881

■ 40.4003, 0.4600,
0.4729

■ 72.1835, 0.2823,
0.2926

■ 74.3952, 0.2825,
0.2971

■ 76.6613, 0.2828,
0.3016

Harmonies

Analogous

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



52.6306, 0.3964, 0.3789



52.6306, 0.3727, 0.4024



52.6306, 0.3337, 0.4060

Triad

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



52.6306, 0.3727, 0.4024



52.6306, 0.2356, 0.3030



52.6306, 0.3310, 0.2816

Complementary

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



52.6306, 0.3727, 0.4024



30.2725, 0.2502, 0.2427

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.



52.6306, 0.2873, 0.2632



52.6306, 0.3727, 0.4024



52.6306, 0.2349, 0.2728

Square

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



52.6306, 0.3727, 0.4024



52.6306, 0.2553, 0.3447



52.6306, 0.2531, 0.2595



52.6306, 0.3719, 0.3109

Rectangle

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



52.6306, 0.3727, 0.4024



52.6306, 0.3048, 0.3943



52.6306, 0.2531, 0.2595



52.6306, 0.3160, 0.2740

Sweetspot

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



52.6330, 0.3727, 0.4024



94.7977, 0.3298, 0.3509



31.8717, 0.3818, 0.3100



20.1587, 0.3320, 0.3537



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.



52.6330, 0.3727, 0.4024



81.6387, 0.3856, 0.4168



56.5435, 0.3481, 0.4245



13.3794, 0.3271, 0.3475



25.5901, 0.4594, 0.4735



1.5354, 0.4507, 0.4804

Inverse Universe

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



30.2725, 0.2502, 0.2427



41.0078, 0.2361, 0.2218



27.9234, 0.2666, 0.2260



11.7949, 0.2982, 0.3098



3.9621, 0.1557, 0.0806



0.3358, 0.1651, 0.1142

Previews

White Background



This preview shows how the Yxy color 52.6306, 0.3727, 0.4024 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 52.6306, 0.3727, 0.4024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

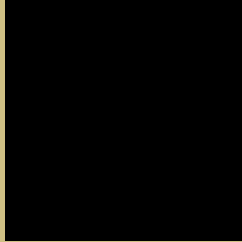
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6306, 0.3727, 0.4024

Background



This preview shows how black text looks on a background with the Yxy color 52.6306, 0.3727, 0.4024.



This preview shows how white text looks on a background with the Yxy color 52.6306, 0.3727, 0.4024.

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

52.6306, 0.3727, 0.4024

Protanopia

52.7751, 0.3736, 0.4021

Deuteranopia

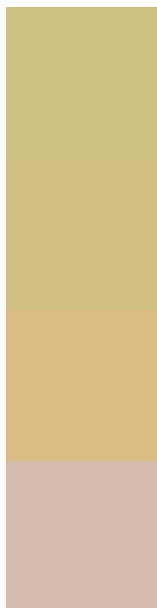
52.6602, 0.3944, 0.3863



Tritanopia

52.6543, 0.3270, 0.3127

Trichromacy



Original Color

52.6306, 0.3727, 0.4024

Protanomaly

52.7751, 0.3736, 0.4021

Deuteranomaly

52.6063, 0.3866, 0.3925

Tritanomaly

52.4455, 0.3436, 0.3447

Monochromacy



Original Color

52.6306, 0.3727, 0.4024

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.8619, 0.3339, 0.3567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6306, 0.3727, 0.4024 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(207, 192, 132)` looks like.

```
.text, #text, p{  
    color:rgb(207, 192, 132)  
}
```

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(207, 192, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 192, 132) }
```

Border

The CSS property to change the border of an element to Yxy 52.6306, 0.3727, 0.4024 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(207, 192, 132) }
```

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

```
.border{ border-color:rgb(207, 192, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 192, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 192, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 192, 132);  
box-shadow:4px 4px 4px 4px rgb(207, 192,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6306, 0.3727, 0.4024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 192, 132) }
```

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

```
.background{ background-color: rgb(207,  
192, 132) }
```

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