

Converting Colors

$Yxy(52.5397, 0.4229, 0.4643)$

Have a look what the booklet for
Yxy(52.5397, 0.4229, 0.4643)
contains.

Yxy(52.5397, 0.4229, 0.4643)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.5397, 0.4229, 0.4643)

Conversions

Conversions Part 1

Format	Color
Hex	D7C042
RGB	215, 192, 66
RGB Percent	84%, 75%, 26%
CMY	0.1569, 0.2470, 0.7414
CMYK	0.00, 0.11, 0.69, 0.16
HSL	51°, 65%, 55%
HSV	51°, 69%, 84%
XYZ	47.8549, 52.5397, 12.7643
YIQ	184.5130, 54.1540, -34.3100

Conversions

Conversions Part 2

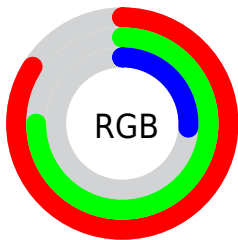
Format	Color
R _Y B	93, 215, 66
Decimal	14139458
CIE Lab	77.60, -5.69, 63.50
CIE LCh	78, 63.754, 95.119
Yxy	52.5397, 0.4229, 0.4643
Android (android.graphics.Color)	4292329538 (0xFFD7C042)
YUV	184.5130, -58.4269, 26.7371
Hunter-Lab	72.4843, -8.9998, 40.2981

Details

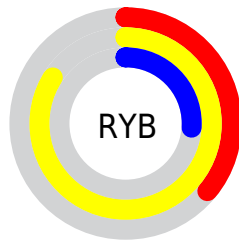
The Yxy color **52.5397, 0.4229, 0.4643** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **13.1959, 0.1860, 0.1358**, and the grayscale version is **48.5371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7753, 0.3926, 0.4504**, and **25.6333, 0.4407, 0.4883** is the 20% darker color. If you saturate the color by 10%, you get **50.8949, 0.4344, 0.4743**, and if you desaturate by 10%, it is **54.3175, 0.4090, 0.4502**.

Distribution



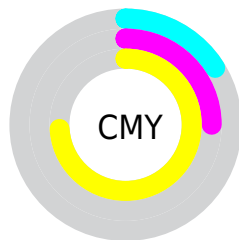
- Red (84%)
- Green (75%)
- Blue (26%)



- Red (36%)
- Yellow (84%)
- Blue (26%)



- Cyan (0%)
- Magenta (11%)
- Yellow (69%)
- Black (16%)





- Cyan (16%)
- Magenta (25%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5397, 0.4229, 0.4643 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 52.5397, 0.4229, 0.4643 by changing the saturation by 10% instead.


 52.5397, 0.4229,
0.4643

 52.5397, 0.4229,
0.4643


396.5166, 0.3741,
0.4022


 37.4354, 0.4322,
0.4769


 93.9267, 0.4072,
0.4437

 25.5448, 0.4422,
0.4911


 120.9782, 0.4007,
0.4353


 16.4834, 0.4522,
0.5067


 152.7810, 0.3949,
0.4280

 9.8669, 0.4663,
0.5287

 189.7193, 0.3897,
0.4216

 5.3108, 0.4643,
0.5357

 232.1776, 0.3852,
0.4159

 2.4307, 0.4574,
0.5426

280.5404, 0.3811,

 0.8416, 0.4399,

0.4108

0.5601

335.1919, 0.3774,
0.4063

■ 0.0000, 0.0000,
0.0000

■ 52.5397, 0.4229,
0.4643

■ 52.5397, 0.4229,
0.4643

■ 50.8949, 0.4344,
0.4743

■ 54.3175, 0.4090,
0.4502

■ 49.3642, 0.4432,
0.4797

■ 56.2306, 0.3933,
0.4327

■ 47.9309, 0.4494,
0.4811

■ 58.2902, 0.3767,
0.4128

■ 47.8362, 0.4497,
0.4811

■ 60.5039, 0.3597,
0.3916

■ 62.8790, 0.3430,
0.3699

■ 65.4219, 0.3269,
0.3484

■ 68.1389, 0.3117,
0.3276

■ 71.0358, 0.2977,
0.3080

■ 73.8286, 0.2874,
0.2941

Harmonies

Analogous

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



52.5397, 0.4724, 0.4097



52.5397, 0.4229, 0.4643



52.5397, 0.3480, 0.4874

Triad

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



52.5397, 0.4229, 0.4643



52.5397, 0.1724, 0.2747



52.5397, 0.3425, 0.2411

Complementary

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



52.5397, 0.4229, 0.4643



13.1959, 0.1860, 0.1358

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.



52.5397, 0.2594, 0.2103



52.5397, 0.4229, 0.4643



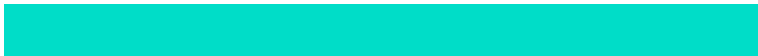
52.5397, 0.1717, 0.2221

Square

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



52.5397, 0.4229, 0.4643



52.5397, 0.2048, 0.3601



52.5397, 0.2008, 0.2025



52.5397, 0.4270, 0.2897

Rectangle

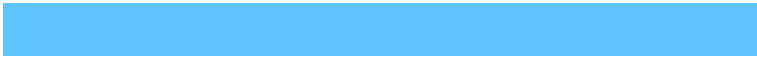
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.5397, 0.4229, 0.4643



52.5397, 0.2940, 0.4691



52.5397, 0.2008, 0.2025



52.5397, 0.3131, 0.2285

Sweetspot

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



52.5422, 0.4229, 0.4643



91.8620, 0.3461, 0.3739



19.0881, 0.5072, 0.3040



19.4512, 0.3507, 0.3800



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.



52.5422, 0.4229, 0.4643



73.8712, 0.4387, 0.4773



57.0236, 0.3652, 0.5097



14.1785, 0.3270, 0.3486



28.7401, 0.4492, 0.4815



1.8236, 0.4432, 0.4863

Inverse Universe

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



13.1959, 0.1860, 0.1358



12.9087, 0.1658, 0.0989



12.4839, 0.2149, 0.1256



12.3148, 0.2982, 0.3087



3.6888, 0.1538, 0.0735



0.3221, 0.1614, 0.1009

Previews

White Background



This preview shows how the Yxy color 52.5397, 0.4229, 0.4643 looks on a white background.

Color Contrast Check

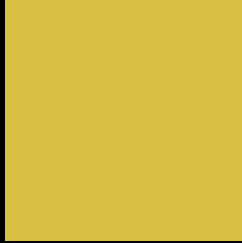
Large Text (above 18pt) WCAG AA × Fail

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 52.5397, 0.4229, 0.4643 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 52.5397, 0.4229, 0.4643

Background



This preview shows how black text looks on a background with the Yxy color 52.5397, 0.4229, 0.4643.



This preview shows how white text looks on a background with the Yxy color 52.5397, 0.4229, 0.4643.

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

52.5397, 0.4229, 0.4643

Protanopia

52.5397, 0.4229, 0.4643

Deuteranopia

52.2363, 0.4505, 0.4407



Tritanopia

52.5451, 0.3403, 0.3131

Trichromacy



Original Color

52.5397, 0.4229, 0.4643

Protanomaly

52.5397, 0.4229, 0.4643

Deuteranomaly

52.3582, 0.4399, 0.4495

Tritanomaly

51.7597, 0.3762, 0.3728

Monochromacy



Original Color

52.5397, 0.4229, 0.4643

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.6552, 0.3563, 0.3878

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5397, 0.4229, 0.4643 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(215, 192, 66)` looks like.

```
.text, #text, p{  
    color:rgb(215, 192, 66)  
}
```

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(215, 192, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 192, 66) }
```

Border

The CSS property to change the border of an element to Yxy 52.5397, 0.4229, 0.4643 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(215, 192, 66) }
```

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

```
.border{ border-color:rgb(215, 192, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 192, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 192, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 192, 66);  
box-shadow:4px 4px 4px 4px rgb(215, 192,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5397, 0.4229, 0.4643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 192, 66) }
```

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

```
.background{ background-color: rgb(215,  
192, 66) }
```

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