

Converting Colors

Yxy(52.0520, 0.3825, 0.4139)

Have a look what the booklet for
Yxy(52.0520, 0.3825, 0.4139)
contains.

Yxy(52.0520, 0.3825, 0.4139)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.0520, 0.3825, 0.4139)

Conversions

Conversions Part 1

Format	Color
Hex	D0BF79
RGB	208, 191, 121
RGB Percent	82%, 75%, 47%
CMY	0.1842, 0.2510, 0.5254
CMYK	0.00, 0.08, 0.42, 0.18
HSL	48°, 48%, 65%
HSV	48°, 42%, 82%
XYZ	48.1031, 52.0520, 25.6047
YIQ	188.1030, 32.6020, -18.1660

Conversions

Conversions Part 2

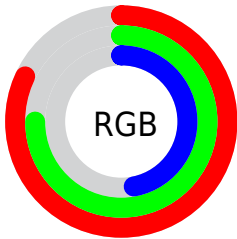
Format	Color
RYB	142, 208, 121
Decimal	13680505
CIELab	77.31, -3.75, 37.43
CIELCh	77, 37.622, 95.719
Yxy	52.0520, 0.3825, 0.4139
Android (android.graphics.Color)	4291870585 (0xFFD0BF79)
YUV	188.1030, -33.0818, 17.4497
Hunter-Lab	72.1471, -7.2448, 29.4612

Details

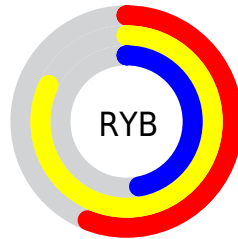
The Yxy color **52.0520, 0.3825, 0.4139** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.8164, 0.2393, 0.2262**, and the grayscale version is **50.5330, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8375, 0.3631, 0.4015**, and **25.3073, 0.3988, 0.4355** is the 20% darker color. If you saturate the color by 10%, you get **49.8450, 0.3999, 0.4326**, and if you desaturate by 10%, it is **54.4233, 0.3648, 0.3938**.

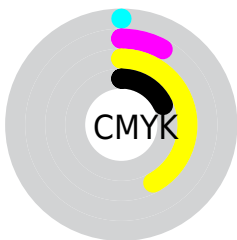
Distribution



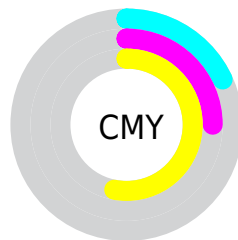
- Red (82%)
- Green (75%)
- Blue (47%)



- Red (56%)
- Yellow (82%)
- Blue (47%)



- Cyan (0%)
- Magenta (8%)
- Yellow (42%)
- Black (18%)





- Cyan (18%)
- Magenta (25%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0520, 0.3825, 0.4139 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 52.0520, 0.3825, 0.4139 by changing the saturation by 10% instead.


 52.0520, 0.3825,
0.4139


 52.0520, 0.3825,
0.4139


394.6373, 0.3492,
0.3727

 37.0465, 0.3901,
0.4235


 93.2079, 0.3709,
0.3994

 25.2435, 0.3993,
0.4354


 120.1272, 0.3664,
0.3938

 16.2586, 0.4106,
0.4503


 151.7864, 0.3625,
0.3890

 9.7073, 0.4245,
0.4692

188.5702, 0.3592,
0.3849

 5.2053, 0.4419,
0.4941

230.8627, 0.3562,
0.3812

 2.3682, 0.4675,
0.5325

279.0485, 0.3536,

 0.8095, 0.4558,

0.3781

0.5442

333.5119, 0.3513,
0.3752

0.0000, 0.0000,
0.0000

52.0520, 0.3825,
0.4139

52.0520, 0.3825,
0.4139

49.8450, 0.3999,
0.4326

54.4233, 0.3648,
0.3938

47.7876, 0.4164,
0.4487

56.9587, 0.3475,
0.3730

45.8738, 0.4312,
0.4614

59.6668, 0.3309,
0.3525

44.0940, 0.4436,
0.4698

62.5538, 0.3154,
0.3325

42.4369, 0.4531,
0.4735

65.6251, 0.3011,
0.3136

■ 41.1582, 0.4591,
0.4737

■ 68.8862, 0.2881,
0.2960

■ 71.5694, 0.2828,
0.2911

■ 73.7285, 0.2831,
0.2955

■ 75.9402, 0.2833,
0.3000

Harmonies

Analogous

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



52.0520, 0.4102, 0.3854



52.0520, 0.3825, 0.4139



52.0520, 0.3371, 0.4198

Triad

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



52.0520, 0.3825, 0.4139



52.0520, 0.2240, 0.2987



52.0520, 0.3329, 0.2740

Complementary

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



52.0520, 0.3825, 0.4139



26.8164, 0.2393, 0.2262

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.



52.0520, 0.2823, 0.2532



52.0520, 0.3825, 0.4139



52.0520, 0.2230, 0.2639

Square

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



52.0520, 0.3825, 0.4139



52.0520, 0.2465, 0.3477



52.0520, 0.2433, 0.2490



52.0520, 0.3813, 0.3071

Rectangle

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



52.0520, 0.3825, 0.4139



52.0520, 0.3036, 0.4066



52.0520, 0.2433, 0.2490



52.0520, 0.3155, 0.2655

Sweetspot

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



52.0544, 0.3825, 0.4139



93.9725, 0.3331, 0.3552



28.9408, 0.3977, 0.3071



19.9054, 0.3367, 0.3597



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.



52.0544, 0.3825, 0.4139



79.4127, 0.3978, 0.4304



56.4482, 0.3529, 0.4398



13.3877, 0.3271, 0.3476



25.7786, 0.4584, 0.4742



1.5444, 0.4500, 0.4809

Inverse Universe

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



26.8164, 0.2393, 0.2262



34.3816, 0.2223, 0.2001



24.4484, 0.2576, 0.2080



11.7873, 0.2982, 0.3097



3.9243, 0.1555, 0.0799



0.3322, 0.1648, 0.1132

Previews

White Background



This preview shows how the Yxy color 52.0520, 0.3825, 0.4139 looks on a white background.

Color Contrast Check

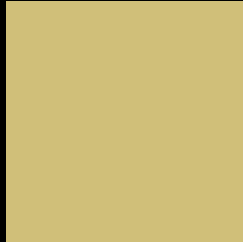
Large Text (above 18pt) WCAG AA × Fail

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 52.0520, 0.3825, 0.4139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

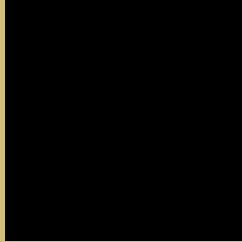
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0520, 0.3825, 0.4139

Background



This preview shows how black text looks on a background with the Yxy color 52.0520, 0.3825, 0.4139.



This preview shows how white text looks on a background with the Yxy color 52.0520, 0.3825, 0.4139.

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

52.0520, 0.3825, 0.4139

Protanopia

52.0520, 0.3825, 0.4139

Deuteranopia

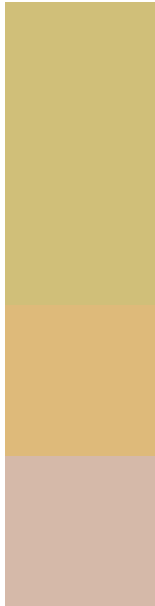
52.1200, 0.4049, 0.3971



Tritanopia

52.0403, 0.3306, 0.3127

Trichromacy



Original Color

52.0520, 0.3825, 0.4139

Protanomaly

52.0520, 0.3825, 0.4139

Deuteranomaly

52.0525, 0.3968, 0.4035

Tritanomaly

51.7086, 0.3500, 0.3484

Monochromacy



Original Color

52.0520, 0.3825, 0.4139

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.6776, 0.3374, 0.3607

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0520, 0.3825, 0.4139 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(208, 191, 121)` looks like.

```
.text, #text, p{  
    color:rgb(208, 191, 121)  
}
```

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(208, 191, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 191, 121) }
```

Border

The CSS property to change the border of an element to Yxy 52.0520, 0.3825, 0.4139 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(208, 191, 121) }
```

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

```
.border{ border-color:rgb(208, 191, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 191, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 191, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 191, 121);  
box-shadow:4px 4px 4px 4px rgb(208, 191,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0520, 0.3825, 0.4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 191, 121) }
```

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

```
.background{ background-color: rgb(208,  
191, 121) }
```

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