

Converting Colors

$Y_{xy}(53.2572, 0.3719, 0.3853)$

Have a look what the booklet for
Yxy(53.2572, 0.3719, 0.3853)
contains.

Yxy(53.2572, 0.3719, 0.3853)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.2572, 0.3719, 0.3853)

Conversions

Conversions Part 1

Format	Color
Hex	D7BE8F
RGB	215, 190, 143
RGB Percent	84%, 75%, 56%
CMY	0.1567, 0.2549, 0.4392
CMYK	0.00, 0.12, 0.33, 0.16
HSL	39°, 47%, 70%
HSV	39°, 33%, 84%
XYZ	51.4050, 53.2572, 33.5605
YIQ	192.1170, 29.9870, -9.3170

Conversions

Conversions Part 2

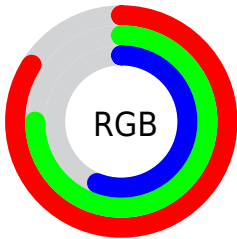
Format	Color
RYB	181, 215, 143
Decimal	14139023
CIELab	78.03, 2.09, 27.02
CIELCh	78, 27.096, 85.585
Yxy	53.2572, 0.3719, 0.3853
Android (android.graphics.Color)	4292329103 (0xFFD7BE8F)
YUV	192.1170, -24.2147, 20.0684
Hunter-Lab	72.9775, -1.9762, 23.8183

Details

The Yxy color **53.2572, 0.3719, 0.3853** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.7763, 0.2573, 0.2652**, and the grayscale version is **52.9192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2028, 0.3490, 0.3777**, and **26.0350, 0.3871, 0.4003** is the 20% darker color. If you saturate the color by 10%, you get **49.5124, 0.3927, 0.4021**, and if you desaturate by 10%, it is **57.2981, 0.3523, 0.3680**.

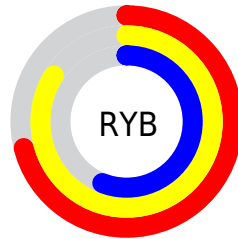
Distribution



Red (84%)

Green (75%)

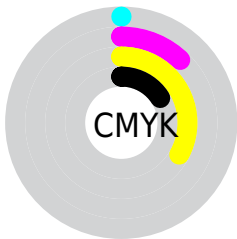
Blue (56%)



Red (71%)

Yellow (84%)

Blue (56%)

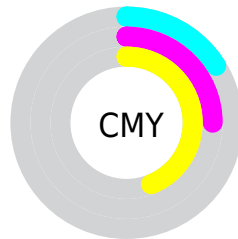


Cyan (0%)

Magenta (12%)

Yellow (33%)

Black (16%)



Cyan (16%)


Magenta (25%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2572, 0.3719, 0.3853 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 53.2572, 0.3719, 0.3853 by changing the saturation by 10% instead.


 53.2572, 0.3719,
0.3853


 53.2572, 0.3719,
0.3853


399.2711, 0.3432,
0.3582

 38.0081, 0.3787,
0.3917


 94.9827, 0.3617,
0.3757

 25.9890, 0.3873,
0.3996


 122.2280, 0.3578,
0.3721

 16.8154, 0.3982,
0.4096


154.2407, 0.3545,
0.3689

 10.1030, 0.4126,
0.4227

191.4054, 0.3516,
0.3662

 5.4673, 0.4321,
0.4399

234.1064, 0.3491,
0.3638

 2.5240, 0.4713,
0.4752

282.7281, 0.3469,

 0.8886, 0.5023,

0.3617

0.4977

337.6549, 0.3449,
0.3599

0.0000, 0.0000,
0.0000

53.2572, 0.3719,
0.3853

53.2572, 0.3719,
0.3853

49.5124, 0.3927,
0.4021

57.2981, 0.3523,
0.3680

46.0466, 0.4142,
0.4176

61.6367, 0.3344,
0.3510

42.8520, 0.4357,
0.4307

66.2840, 0.3180,
0.3345

39.9171, 0.4561,
0.4402

71.2479, 0.3034,
0.3190

37.2290, 0.4744,
0.4452

76.5363, 0.2903,
0.3046

■ 34.7727, 0.4896,
0.4450

■ 81.0102, 0.2880,
0.3080

■ 33.2846, 0.4981,
0.4427

■ 85.3795, 0.2883,
0.3159

■ 89.9310, 0.2887,
0.3236

■ 93.1932, 0.2889,
0.3289

Harmonies

Analogous

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



53.2572, 0.3849, 0.3623



53.2572, 0.3719, 0.3853



53.2572, 0.3431, 0.3941

Triad

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



53.2572, 0.3719, 0.3853



53.2572, 0.2519, 0.3194



53.2572, 0.3151, 0.2822

Complementary

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



53.2572, 0.3719, 0.3853



38.7763, 0.2573, 0.2652

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.



53.2572, 0.2802, 0.2707



53.2572, 0.3719, 0.3853



53.2572, 0.2454, 0.2898

Square

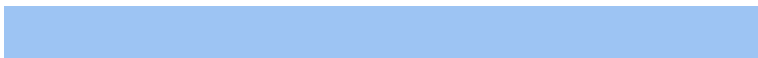
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.2572, 0.3719, 0.3853



53.2572, 0.2740, 0.3546



53.2572, 0.2554, 0.2729



53.2572, 0.3511, 0.3044

Rectangle

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



53.2572, 0.3719, 0.3853



53.2572, 0.3193, 0.3890



53.2572, 0.2554, 0.2729



53.2572, 0.3028, 0.2770

Sweetspot

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



53.2597, 0.3719, 0.3853



92.9370, 0.3286, 0.3453



36.9367, 0.3631, 0.2984



19.6879, 0.3310, 0.3476



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.



53.2597, 0.3719, 0.3853



74.4990, 0.3861, 0.3970



63.4756, 0.3543, 0.4146



13.7591, 0.3275, 0.3442



20.1051, 0.4966, 0.4439



1.3648, 0.4799, 0.4571

Inverse Universe

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



38.7763, 0.2573, 0.2652



50.1607, 0.2450, 0.2494



31.4084, 0.2615, 0.2321



12.7080, 0.2982, 0.3134



6.1054, 0.1646, 0.1127



0.5208, 0.1744, 0.1478

Previews

White Background



This preview shows how the Yxy color 53.2572, 0.3719, 0.3853 looks on a white background.

Color Contrast Check

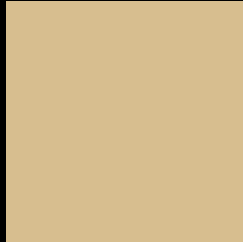
Large Text (above 18pt) WCAG AA × Fail

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 53.2572, 0.3719, 0.3853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

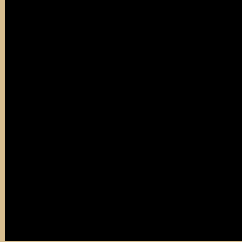
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2572, 0.3719, 0.3853

Background



This preview shows how black text looks on a background with the Yxy color 53.2572, 0.3719, 0.3853.



This preview shows how white text looks on a background with the Yxy color 53.2572, 0.3719, 0.3853.

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

53.2572, 0.3719, 0.3853

Protanopia

53.4189, 0.3629, 0.3890

Deuteranopia

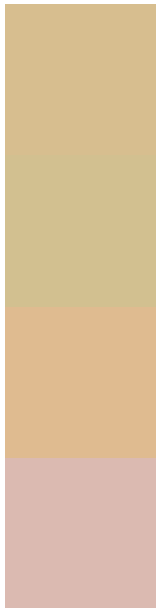
53.2055, 0.3846, 0.3763



Tritanopia

53.2703, 0.3339, 0.3130

Trichromacy



Original Color

53.2572, 0.3719, 0.3853

Protanomaly

53.4145, 0.3659, 0.3873

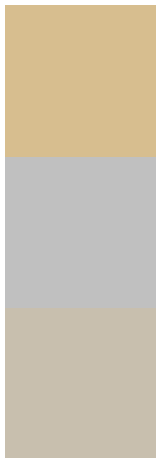
Deuteranomaly

53.2422, 0.3793, 0.3794

Tritanomaly

53.3522, 0.3483, 0.3397

Monochromacy



Original Color

53.2572, 0.3719, 0.3853

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5970, 0.3334, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2572, 0.3719, 0.3853 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, 190, 143)` looks like.

```
.text, #text, p{  
    color:rgb(215, 190, 143)  
}
```

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, 190, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 190, 143) }
```

Border

The CSS property to change the border of an element to Yxy 53.2572, 0.3719, 0.3853 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, 190, 143) }
```

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

```
.border{ border-color:rgb(215, 190, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 190, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 190, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 190, 143);  
box-shadow:4px 4px 4px 4px rgb(215, 190,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2572, 0.3719, 0.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 190, 143) }
```

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

```
.background{ background-color: rgb(215,  
190, 143) }
```

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](#).

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