

Converting Colors

Yxy(51.4174, 0.3748, 0.3863)

Have a look what the booklet for
Yxy(51.4174, 0.3748, 0.3863)
contains.

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Color

Yxy(51.5509, 0.3745, 0.3871)

Conversions

Conversions Part 1

Format	Color
Hex	D5BB8B
RGB	213, 187, 139
RGB Percent	84%, 73%, 55%
CMY	0.1647, 0.2667, 0.4549
CMYK	0.00, 0.12, 0.35, 0.16
HSL	39°, 47%, 69%
HSV	39°, 35%, 84%
XYZ	49.8729, 51.5509, 31.7482
YIQ	189.3020, 30.9040, -9.4160

Conversions

Conversions Part 2

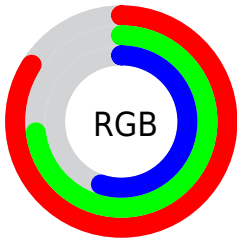
Format	Color
RYB	179, 213, 139
Decimal	14007179
CIELab	77.01, 2.37, 27.74
CIElCh	77, 27.844, 85.110
Yxy	51.5509, 0.3745, 0.3871
Android (android.graphics.Color)	4292197259 (0xFFD5BB8B)
YUV	189.3020, -24.7989, 20.7831
Hunter-Lab	71.7990, -1.6586, 24.0423

Details

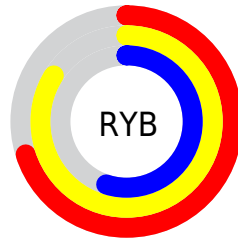
The Yxy color **51.5509, 0.3745, 0.3871** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.2070, 0.2551, 0.2628**, and the grayscale version is **51.2041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2114, 0.3522, 0.3789**, and **24.9229, 0.3909, 0.4027** is the 20% darker color. If you saturate the color by 10%, you get **47.8963, 0.3955, 0.4037**, and if you desaturate by 10%, it is **55.4971, 0.3547, 0.3699**.

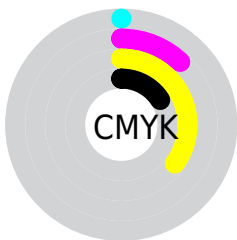
Distribution



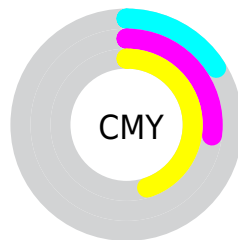
- Red (84%)
- Green (73%)
- Blue (55%)



- Red (70%)
- Yellow (84%)
- Blue (55%)



- Cyan (0%)
- Magenta (12%)
- Yellow (35%)
- Black (16%)





- Cyan (16%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5509, 0.3745, 0.3871 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 51.5509, 0.3745, 0.3871 by changing the saturation by 10% instead.

 51.5509, 0.3745,
0.3871


 51.5509, 0.3745,
0.3871

392.7004, 0.3443,
0.3590

 36.6472, 0.3817,
0.3937

 92.4686, 0.3638,
0.3772

 24.9345, 0.3907,
0.4019


 119.2514, 0.3597,
0.3734

 16.0282, 0.4023,
0.4123


 150.7627, 0.3562,
0.3701

 9.5441, 0.4175,
0.4259

187.3868, 0.3532,
0.3673

 5.0978, 0.4380,
0.4436

229.5083, 0.3505,
0.3648

 2.3047, 0.4879,
0.4885

277.5115, 0.3482,

 0.7762, 0.5062,

0.3627

0.4938

331.7807, 0.3462,
0.3608

0.0000, 0.0000,
0.0000

51.5509, 0.3745,
0.3871

51.5509, 0.3745,
0.3871

47.8963, 0.3955,
0.4037

55.4971, 0.3547,
0.3699

44.5167, 0.4172,
0.4189

59.7368, 0.3365,
0.3529

41.4039, 0.4387,
0.4316


64.2807, 0.3200,
0.3365


38.5468, 0.4591,
0.4405

69.1368, 0.3051,
0.3210

35.9323, 0.4772,
0.4448

74.3128, 0.2919,
0.3065

 33.5453, 0.4921,
0.4439

 79.0319, 0.2866,
0.3048

 32.3694, 0.4991,
0.4419

 83.3340, 0.2870,
0.3127

 87.8178, 0.2873,
0.3206

 92.4853, 0.2877,
0.3283

Harmonies

Analogous

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



51.5509, 0.3878, 0.3630



51.5509, 0.3745, 0.3871



51.5509, 0.3447, 0.3967

Triad

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



51.5509, 0.3745, 0.3871



51.5509, 0.2499, 0.3195



51.5509, 0.3145, 0.2802

Complementary

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



51.5509, 0.3745, 0.3871



37.2070, 0.2551, 0.2628

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.



51.5509, 0.2784, 0.2685



51.5509, 0.3745, 0.3871



51.5509, 0.2429, 0.2886

Square

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



51.5509, 0.3745, 0.3871



51.5509, 0.2730, 0.3562



51.5509, 0.2530, 0.2709



51.5509, 0.3521, 0.3031

Rectangle

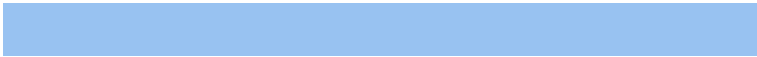
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.5509, 0.3745, 0.3871



51.5509, 0.3201, 0.3918



51.5509, 0.2530, 0.2709



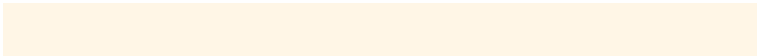
51.5509, 0.3018, 0.2749

Sweetspot

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



51.5533, 0.3745, 0.3871



92.8805, 0.3286, 0.3452



35.3716, 0.3643, 0.2957



19.6743, 0.3310, 0.3475



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.



51.5533, 0.3745, 0.3871



73.2090, 0.3906, 0.4000



62.1731, 0.3567, 0.4175



13.7513, 0.3275, 0.3441



19.9692, 0.4976, 0.4431



1.3572, 0.4807, 0.4565

Inverse Universe

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



37.2070, 0.2551, 0.2628



48.4288, 0.2415, 0.2451



29.6479, 0.2582, 0.2278



12.7155, 0.2982, 0.3135



6.1701, 0.1649, 0.1136



0.5253, 0.1747, 0.1488

Previews

White Background



This preview shows how the Yxy color 51.5509, 0.3745, 0.3871 looks on a white background.

Color Contrast Check

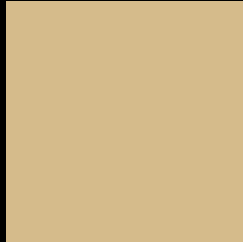
Large Text (above 18pt) WCAG AA × Fail

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 51.5509, 0.3745, 0.3871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

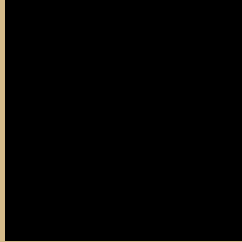
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5509, 0.3745, 0.3871

Background



This preview shows how black text looks on a background with the Yxy color 51.5509, 0.3745, 0.3871.



This preview shows how white text looks on a background with the Yxy color 51.5509, 0.3745, 0.3871.

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

51.5509, 0.3745, 0.3871

Protanopia

51.5577, 0.3645, 0.3911

Deuteranopia

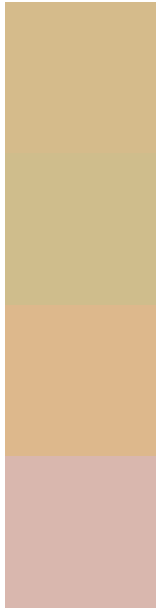
51.3569, 0.3866, 0.3781



Tritanopia

51.5976, 0.3351, 0.3128

Trichromacy



Original Color

51.5509, 0.3745, 0.3871

Protanomaly

51.5540, 0.3675, 0.3893

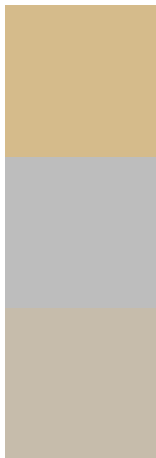
Deuteranomaly

51.5466, 0.3821, 0.3810

Tritanomaly

51.6747, 0.3497, 0.3398

Monochromacy



Original Color

51.5509, 0.3745, 0.3871

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.9125, 0.3346, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5509, 0.3745, 0.3871 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(213, 187, 139)` looks like.

```
.text, #text, p{  
    color:rgb(213, 187, 139)  
}
```

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(213, 187, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 187, 139) }
```

Border

The CSS property to change the border of an element to Yxy 51.5509, 0.3745, 0.3871 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(213, 187, 139) }
```

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

```
.border{ border-color:rgb(213, 187, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 187, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 187, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 187, 139);  
box-shadow:4px 4px 4px 4px rgb(213, 187,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5509, 0.3745, 0.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 187, 139) }
```

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

```
.background{ background-color: rgb(213,  
187, 139) }
```

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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