

Converting Colors

Yxy(51.5646, 0.3755, 0.3934)

Have a look what the booklet for
Yxy(51.5646, 0.3755, 0.3934)
contains.

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Color

Yxy(51.5646, 0.3755, 0.3934)

Conversions

Conversions Part 1

Format	Color
Hex	D3BC87
RGB	211, 188, 135
RGB Percent	83%, 74%, 53%
CMY	0.1726, 0.2627, 0.4705
CMYK	0.00, 0.11, 0.36, 0.17
HSL	42°, 46%, 68%
HSV	42°, 36%, 83%
XYZ	49.2184, 51.5646, 30.2913
YIQ	188.8350, 30.7210, -11.6070

Conversions

Conversions Part 2

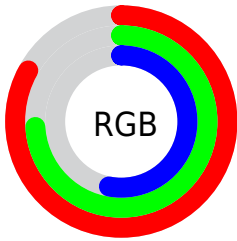
Format	Color
RYB	168, 211, 135
Decimal	13876359
CIELab	77.02, 0.57, 29.82
CIELCh	77, 29.823, 88.913
Yxy	51.5646, 0.3755, 0.3934
Android (android.graphics.Color)	4292066439 (0xFFD3BC87)
YUV	188.8350, -26.5407, 19.4387
Hunter-Lab	71.8085, -3.3189, 25.2554

Details

The Yxy color **51.5646, 0.3755, 0.3934** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.3110, 0.2522, 0.2546**, and the grayscale version is **50.9326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6355, 0.3545, 0.3839**, and **24.9524, 0.3910, 0.4095** is the 20% darker color. If you saturate the color by 10%, you get **48.3634, 0.3955, 0.4109**, and if you desaturate by 10%, it is **55.0090, 0.3563, 0.3751**.

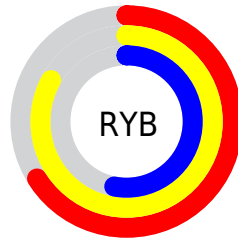
Distribution



Red (83%)

Green (74%)

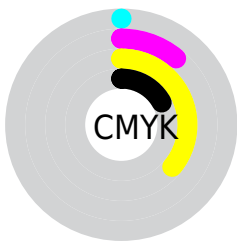
Blue (53%)



Red (66%)

Yellow (83%)

Blue (53%)

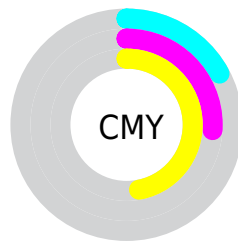


Cyan (0%)

Magenta (11%)

Yellow (36%)

Black (17%)



Cyan (17%)


Magenta (26%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5646, 0.3755, 0.3934 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 51.5646, 0.3755, 0.3934 by changing the saturation by 10% instead.


 51.5646, 0.3755,
0.3934


 51.5646, 0.3755,
0.3934


392.7534, 0.3450,
0.3622


 36.6581, 0.3827,
0.4008


 92.4888, 0.3647,
0.3824

 24.9429, 0.3917,
0.4099


 119.2753, 0.3605,
0.3781

 16.0345, 0.4032,
0.4215


 150.7907, 0.3570,
0.3745

 9.5486, 0.4180,
0.4366

187.4192, 0.3539,
0.3714

 5.1007, 0.4376,
0.4562

229.5454, 0.3513,
0.3686

 2.3065, 0.4903,
0.5097

277.5535, 0.3489,

 0.7771, 0.4919,

0.3662

0.5081

331.8281, 0.3469,
0.3641

0.0000, 0.0000,
0.0000

51.5646, 0.3755,
0.3934

51.5646, 0.3755,
0.3934

48.3634, 0.3955,
0.4109

55.0090, 0.3563,
0.3751

45.3896, 0.4157,
0.4268

58.6972, 0.3384,
0.3569

42.6363, 0.4353,
0.4400


62.6392, 0.3219,
0.3392

40.0933, 0.4533,
0.4493


66.8419, 0.3069,
0.3224


37.7486, 0.4688,
0.4539


71.3120, 0.2934,
0.3066


 35.5881, 0.4813,
0.4535

 75.6221, 0.2851,
0.2987

 34.7655, 0.4857,
0.4525

 79.1639, 0.2854,
0.3055

 82.8362, 0.2858,
0.3123

 86.6405, 0.2861,
0.3190

Harmonies

Analogous

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



51.5646, 0.3925, 0.3688



51.5646, 0.3755, 0.3934



51.5646, 0.3419, 0.4015

Triad

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



51.5646, 0.3755, 0.3934



51.5646, 0.2437, 0.3138



51.5646, 0.3198, 0.2795

Complementary

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



51.5646, 0.3755, 0.3934



34.3110, 0.2522, 0.2546

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.



51.5646, 0.2804, 0.2654



51.5646, 0.3755, 0.3934



51.5646, 0.2386, 0.2824

Square

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



51.5646, 0.3755, 0.3934



51.5646, 0.2663, 0.3532



51.5646, 0.2515, 0.2658



51.5646, 0.3595, 0.3050

Rectangle

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



51.5646, 0.3755, 0.3934



51.5646, 0.3152, 0.3943



51.5646, 0.2515, 0.2658



51.5646, 0.3060, 0.2734

Sweetspot

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



51.5670, 0.3755, 0.3934



93.0289, 0.3302, 0.3482



33.6890, 0.3711, 0.2991



19.7354, 0.3324, 0.3506



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.



51.5670, 0.3755, 0.3934



75.4694, 0.3904, 0.4066



60.2084, 0.3551, 0.4216



13.1688, 0.3273, 0.3452



21.1723, 0.4845, 0.4535



1.3198, 0.4698, 0.4652

Inverse Universe

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



34.3110, 0.2522, 0.2546



45.3182, 0.2385, 0.2359



28.4242, 0.2591, 0.2245



11.9924, 0.2982, 0.3123



5.1978, 0.1615, 0.1015



0.4300, 0.1719, 0.1388

Previews

White Background



This preview shows how the Yxy color 51.5646, 0.3755, 0.3934 looks on a white background.

Color Contrast Check

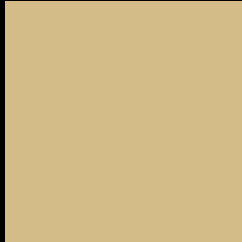
Large Text (above 18pt) WCAG AA × Fail

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 51.5646, 0.3755, 0.3934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

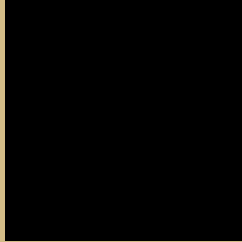
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5646, 0.3755, 0.3934

Background



This preview shows how black text looks on a background with the Yxy color 51.5646, 0.3755, 0.3934.



This preview shows how white text looks on a background with the Yxy color 51.5646, 0.3755, 0.3934.

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

51.5646, 0.3755, 0.3934

Protanopia

51.5836, 0.3685, 0.3958

Deuteranopia

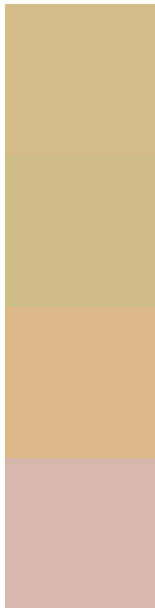
51.4022, 0.3909, 0.3825



Tritanopia

51.4430, 0.3342, 0.3127

Trichromacy



Original Color

51.5646, 0.3755, 0.3934

Protanomaly

51.4382, 0.3707, 0.3942

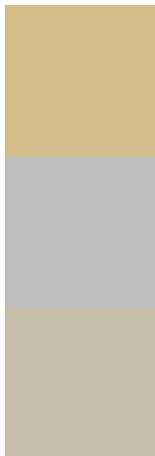
Deuteranomaly

51.4307, 0.3855, 0.3857

Tritanomaly

51.3312, 0.3488, 0.3411

Monochromacy



Original Color

51.5646, 0.3755, 0.3934

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.1301, 0.3351, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5646, 0.3755, 0.3934 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(211, 188, 135)` looks like.

```
.text, #text, p{  
    color:rgb(211, 188, 135)  
}
```

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(211, 188, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 188, 135) }
```

Border

The CSS property to change the border of an element to Yxy 51.5646, 0.3755, 0.3934 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(211, 188, 135) }
```

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

```
.border{ border-color:rgb(211, 188, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 188, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 188, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 188, 135);  
box-shadow:4px 4px 4px 4px rgb(211, 188,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5646, 0.3755, 0.3934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 188, 135) }
```

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

```
.background{ background-color: rgb(211,  
188, 135) }
```

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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