

Converting Colors

$Yxy(51.5735, 0.3682, 0.3824)$

Have a look what the booklet for
Yxy(51.5735, 0.3682, 0.3824)
contains.

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Color

Yxy(51.8289, 0.3682, 0.3826)

Conversions

Conversions Part 1

Format	Color
Hex	D3BC90
RGB	211, 188, 144
RGB Percent	83%, 74%, 56%
CMY	0.1726, 0.2627, 0.4353
CMYK	0.00, 0.11, 0.32, 0.17
HSL	39°, 43%, 70%
HSV	39°, 32%, 83%
XYZ	49.8782, 51.8289, 33.7579
YIQ	189.8610, 27.8320, -8.8080

Conversions

Conversions Part 2

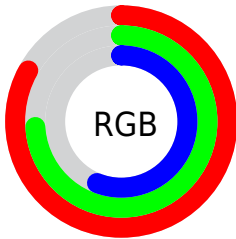
Format	Color
R_{YB}	179, 211, 144
Decimal	13876368
CIE Lab	77.18, 1.67, 25.29
CIE LCh	77, 25.344, 86.226
Yxy	51.8289, 0.3682, 0.3826
Android (android.graphics.Color)	4292066448 (0xFFD3BC90)
YUV	189.8610, -22.6095, 18.5389
Hunter-Lab	71.9923, -2.3169, 22.5930

Details

The Yxy color **51.8289, 0.3682, 0.3826** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.2588, 0.2604, 0.2687**, and the grayscale version is **51.5292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0386, 0.3488, 0.3748**, and **25.0868, 0.3824, 0.3971** is the 20% darker color. If you saturate the color by 10%, you get **48.2302, 0.3887, 0.3997**, and if you desaturate by 10%, it is **55.7080, 0.3490, 0.3652**.

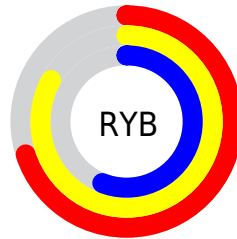
Distribution



Red (83%)

Green (74%)

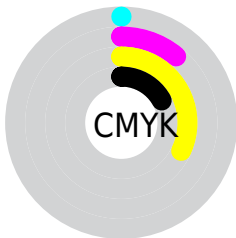
Blue (56%)



Red (70%)

Yellow (83%)

Blue (56%)

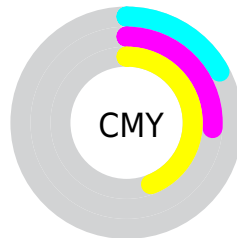


Cyan (0%)

Magenta (11%)

Yellow (32%)

Black (17%)



Cyan (17%)


Magenta (26%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8289, 0.3682, 0.3826 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 51.8289, 0.3682, 0.3826 by changing the saturation by 10% instead.


 51.8289, 0.3682,
0.3826

 51.8289, 0.3682,
0.3826


393.7757, 0.3411,
0.3566

 36.8687, 0.3747,
0.3888


 92.8789, 0.3585,
0.3734

 25.1059, 0.3829,
0.3965


 119.7374, 0.3549,
0.3698

 16.1559, 0.3934,
0.4063


151.3309, 0.3517,
0.3668

 9.6346, 0.4073,
0.4193

188.0437, 0.3490,
0.3642

 5.1573, 0.4264,
0.4367

230.2601, 0.3466,
0.3620

 2.3399, 0.4656,
0.4732

278.3647, 0.3446,

 0.7947, 0.5004,

0.3600

0.4996

332.7418, 0.3427,
0.3582

0.0000, 0.0000,
0.0000

51.8289, 0.3682,
0.3826

51.8289, 0.3682,
0.3826

48.2302, 0.3887,
0.3997

55.7080, 0.3490,
0.3652

44.8958, 0.4100,
0.4155

59.8687, 0.3313,
0.3482

41.8183, 0.4314,
0.4292

64.3214, 0.3153,
0.3318

38.9872, 0.4518,
0.4396

69.0736, 0.3010,
0.3164

36.3905, 0.4703,
0.4455

74.1325, 0.2882,
0.3020

■ 34.0145, 0.4859,
0.4464

■ 78.4600, 0.2854,
0.3042

■ 32.2028, 0.4967,
0.4438

■ 82.6052, 0.2857,
0.3119

■ 86.9199, 0.2861,
0.3195

■ 91.4062, 0.2865,
0.3270

Harmonies

Analogous

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



51.8289, 0.3808, 0.3612



51.8289, 0.3682, 0.3826



51.8289, 0.3408, 0.3903

Triad

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



51.8289, 0.3682, 0.3826



51.8289, 0.2549, 0.3194



51.8289, 0.3157, 0.2850

Complementary

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



51.8289, 0.3682, 0.3826



38.2588, 0.2604, 0.2687

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.



51.8289, 0.2827, 0.2738



51.8289, 0.3682, 0.3826



51.8289, 0.2490, 0.2916

Square

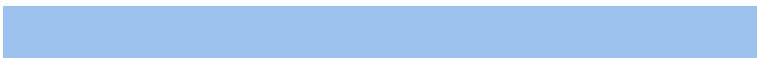
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.8289, 0.3682, 0.3826



51.8289, 0.2756, 0.3525



51.8289, 0.2588, 0.2757



51.8289, 0.3497, 0.3063

Rectangle

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



51.8289, 0.3682, 0.3826



51.8289, 0.3183, 0.3852



51.8289, 0.2588, 0.2757



51.8289, 0.3041, 0.2800

Sweetspot

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



51.8313, 0.3682, 0.3826



93.0111, 0.3286, 0.3454



36.5984, 0.3595, 0.3000



19.7059, 0.3310, 0.3478



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.



51.8313, 0.3682, 0.3826



75.8495, 0.3817, 0.3940



61.0051, 0.3521, 0.4100



13.0863, 0.3274, 0.3442



19.6341, 0.4952, 0.4450



1.2423, 0.4779, 0.4588

Inverse Universe

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



38.2588, 0.2604, 0.2687



51.9075, 0.2485, 0.2535



31.5218, 0.2647, 0.2380



12.0712, 0.2982, 0.3133



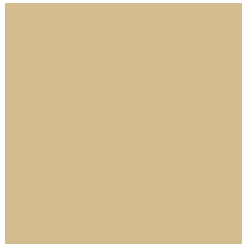
5.8368, 0.1643, 0.1116



0.4726, 0.1748, 0.1492

Previews

White Background



This preview shows how the Yxy color 51.8289, 0.3682, 0.3826 looks on a white background.

Color Contrast Check

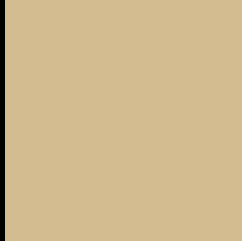
Large Text (above 18pt) WCAG AA × Fail

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 51.8289, 0.3682, 0.3826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

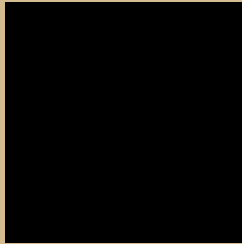
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8289, 0.3682, 0.3826

Background



This preview shows how black text looks on a background with the Yxy color 51.8289, 0.3682, 0.3826.



This preview shows how white text looks on a background with the Yxy color 51.8289, 0.3682, 0.3826.

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

51.8289, 0.3682, 0.3826

Protanopia

51.7086, 0.3604, 0.3849

Deuteranopia

51.7586, 0.3810, 0.3736



Tritanopia

51.7396, 0.3324, 0.3127

Trichromacy



Original Color

51.8289, 0.3682, 0.3826

Protanomaly

51.7049, 0.3635, 0.3832

Deuteranomaly

51.8023, 0.3757, 0.3766

Tritanomaly

51.8626, 0.3461, 0.3386

Monochromacy



Original Color

51.8289, 0.3682, 0.3826

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4181, 0.3328, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8289, 0.3682, 0.3826 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(211, 188, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 188, 144) }
```

Border

The CSS property to change the border of an element to Yxy 51.8289, 0.3682, 0.3826 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, 144) }
```

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

```
.border{ border-color:rgb(211, 188, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 188, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 188, 144);  
box-shadow:4px 4px 4px 4px rgb(211, 188,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8289, 0.3682, 0.3826 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, 144) }
```

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

```
.background{ background-color: rgb(211,  
188, 144) }
```

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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