

Converting Colors

$Yxy(50.9163, 0.3837, 0.4091)$

Have a look what the booklet for
Yxy(50.9163, 0.3837, 0.4091)
contains.

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Color

Yxy(50.9269, 0.3840, 0.4092)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D1BC7A |
| RGB | 209, 188, 122 |
| RGB Percent | 82%, 74%, 48% |
| CMY | 0.1804, 0.2627, 0.5214 |
| CMYK | 0.00, 0.10, 0.42, 0.18 |
| HSL | 46°, 49%, 65% |
| HSV | 46°, 42%, 82% |
| XYZ | 47.7906, 50.9269, 25.7373 |
| YIQ | 186.7550, 33.7020, -16.0740 |

Conversions

Conversions Part 2

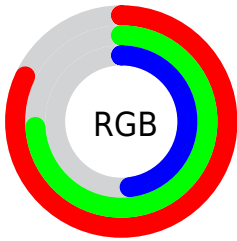
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 150, 209, 122 |
| Decimal | 13745274 |
| CIELab | 76.63, -1.70, 36.05 |
| CIELCh | 77, 36.094, 92.692 |
| Yxy | 50.9269, 0.3840, 0.4092 |
| Android (android.graphics.Color) | 4291935354 (0xFFD1BC7A) |
| YUV | 186.7550, -31.9242, 19.5089 |
| Hunter-Lab | 71.3631, -5.3470, 28.5711 |

Details

The Yxy color **50.9269, 0.3840, 0.4092** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.3973, 0.2407, 0.2327**, and the grayscale version is **49.7204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0565, 0.3633, 0.3978**, and **24.5681, 0.4016, 0.4295** is the 20% darker color. If you saturate the color by 10%, you get **48.3478, 0.4026, 0.4271**, and if you desaturate by 10%, it is **53.6975, 0.3655, 0.3900**.

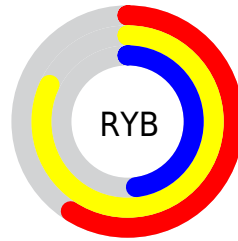
Distribution



Red (82%)

Green (74%)

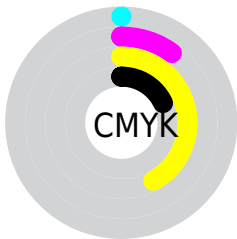
Blue (48%)



Red (59%)

Yellow (82%)

Blue (48%)

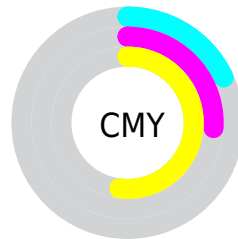


Cyan (0%)

Magenta (10%)

Yellow (42%)

Black (18%)



Cyan (18%)


Magenta (26%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9269, 0.3840, 0.4092 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 50.9269, 0.3840, 0.4092 by changing the saturation by 10% instead.

 50.9269, 0.3840,
0.4092


 50.9269, 0.3840,
0.4092


390.2797, 0.3497,
0.3703

 36.1504, 0.3919,
0.4183


 91.5467, 0.3720,
0.3955

 24.5504, 0.4016,
0.4295


 118.1588, 0.3673,
0.3902

 15.7424, 0.4137,
0.4436


 149.4850, 0.3633,
0.3857

 9.3421, 0.4287,
0.4613

185.9095, 0.3599,
0.3818

 4.9650, 0.4480,
0.4846

227.8169, 0.3569,
0.3784

 2.2267, 0.4782,
0.5218

275.5914, 0.3542,

 0.7345, 0.4721,

0.3754

0.5279

329.6176, 0.3518,
0.3727

0.0000, 0.0000,
0.0000

50.9269, 0.3840,
0.4092

50.9269, 0.3840,
0.4092

48.3478, 0.4026,
0.4271

53.6975, 0.3655,
0.3900

45.9451, 0.4205,
0.4426

56.6597, 0.3476,
0.3702

43.7124, 0.4370,
0.4547

59.8228, 0.3307,
0.3507

41.6396, 0.4512,
0.4625

63.1931, 0.3151,
0.3319

39.7149, 0.4625,
0.4655

66.7766, 0.3008,
0.3141

■ 38.1962, 0.4700,
0.4650

■ 70.5791, 0.2878,
0.2975

■ 73.7168, 0.2837,
0.2953

■ 76.4574, 0.2840,
0.3008

■ 79.2791, 0.2843,
0.3062

Harmonies

Analogous

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



50.9269, 0.4083, 0.3803



50.9269, 0.3840, 0.4092



50.9269, 0.3414, 0.4173

Triad

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



50.9269, 0.3840, 0.4092



50.9269, 0.2280, 0.3042



50.9269, 0.3272, 0.2731

Complementary

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



50.9269, 0.3840, 0.4092



28.3973, 0.2407, 0.2327

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.



50.9269, 0.2789, 0.2543



50.9269, 0.3840, 0.4092



50.9269, 0.2249, 0.2686

Square

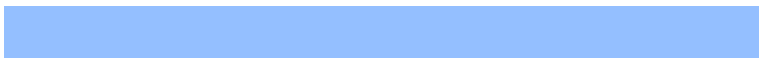
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.9269, 0.3840, 0.4092



50.9269, 0.2520, 0.3522



50.9269, 0.2426, 0.2520



50.9269, 0.3748, 0.3043

Rectangle

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



50.9269, 0.3840, 0.4092



50.9269, 0.3089, 0.4065



50.9269, 0.2426, 0.2520



50.9269, 0.3104, 0.2652

Sweetspot

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



50.9293, 0.3840, 0.4092



93.5618, 0.3316, 0.3518



29.4908, 0.3916, 0.3017



19.8823, 0.3338, 0.3543



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.



50.9293, 0.3840, 0.4092



76.2396, 0.4007, 0.4253



57.5992, 0.3563, 0.4379



13.2939, 0.3272, 0.3465



23.7132, 0.4692, 0.4657



1.4448, 0.4581, 0.4744

Inverse Universe

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



28.3973, 0.2407, 0.2327



36.3169, 0.2237, 0.2075



24.4426, 0.2541, 0.2074



11.8744, 0.2982, 0.3108



4.3979, 0.1578, 0.0881



0.3725, 0.1678, 0.1241

Previews

White Background



This preview shows how the Yxy color 50.9269, 0.3840, 0.4092 looks on a white background.

Color Contrast Check

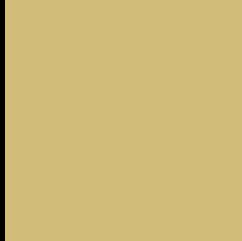
Large Text (above 18pt) WCAG AA × Fail

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 50.9269, 0.3840, 0.4092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

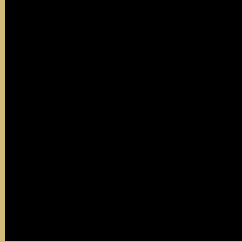
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9269, 0.3840, 0.4092

Background



This preview shows how black text looks on a background with the Yxy color 50.9269, 0.3840, 0.4092.



This preview shows how white text looks on a background with the Yxy color 50.9269, 0.3840, 0.4092.

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

50.9269, 0.3840, 0.4092

Protanopia

50.9221, 0.3808, 0.4112

Deuteranopia

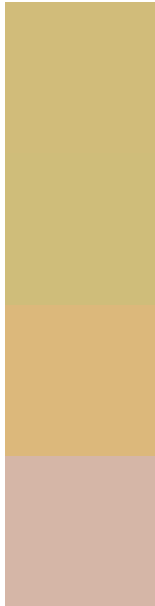
50.8339, 0.4024, 0.3946



Tritanopia

50.6894, 0.3334, 0.3126

Trichromacy



Original Color

50.9269, 0.3840, 0.4092

Protanomaly

51.0657, 0.3817, 0.4109

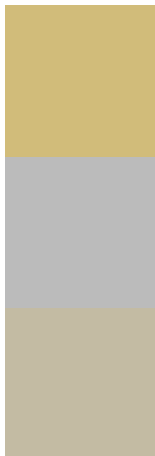
Deuteranomaly

50.9267, 0.3953, 0.4007

Tritanomaly

50.3921, 0.3524, 0.3472

Monochromacy



Original Color

50.9269, 0.3840, 0.4092

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.7871, 0.3386, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9269, 0.3840, 0.4092 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(209, 188, 122)` looks like.

```
.text, #text, p{  
    color:rgb(209, 188, 122)  
}
```

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(209, 188, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 188, 122) }
```

Border

The CSS property to change the border of an element to Yxy 50.9269, 0.3840, 0.4092 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(209, 188, 122) }
```

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

```
.border{ border-color:rgb(209, 188, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 188, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 188, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 188, 122);  
box-shadow:4px 4px 4px 4px rgb(209, 188,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9269, 0.3840, 0.4092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 188, 122) }
```

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

```
.background{ background-color: rgb(209,  
188, 122) }
```

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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