

Converting Colors

$Yxy(49.0226, 0.3738, 0.3855)$

Have a look what the booklet for
Yxy(49.0226, 0.3738, 0.3855)
contains.

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Color

Yxy(49.2284, 0.3741, 0.3857)

Conversions

Conversions Part 1

Format	Color
Hex	D1B789
RGB	209, 183, 137
RGB Percent	82%, 72%, 54%
CMY	0.1803, 0.2824, 0.4627
CMYK	0.00, 0.12, 0.34, 0.18
HSL	38°, 44%, 68%
HSV	38°, 34%, 82%
XYZ	47.7478, 49.2284, 30.6577
YIQ	185.5300, 30.2620, -8.7940

Conversions

Conversions Part 2

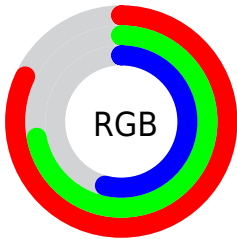
Format	Color
RYB	178, 209, 137
Decimal	13744009
CIELab	75.59, 2.68, 26.83
CIELCh	76, 26.966, 84.306
Yxy	49.2284, 0.3741, 0.3857
Android (android.graphics.Color)	4291934089 (0xFFD1B789)
YUV	185.5300, -23.9253, 20.5832
Hunter-Lab	70.1630, -1.3109, 23.2073

Details

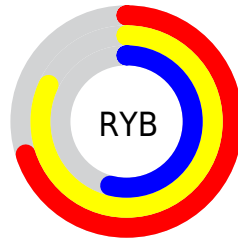
The Yxy color $49.2284, 0.3741, 0.3857$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $36.1310, 0.2559, 0.2646$, and the grayscale version is $48.9525, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7546, 0.3544, 0.3772$, and $23.4257, 0.3898, 0.3998$ is the 20% darker color. If you saturate the color by 10%, you get $45.6549, 0.3953, 0.4021$, and if you desaturate by 10%, it is $53.0899, 0.3543, 0.3688$.

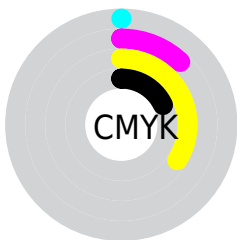
Distribution



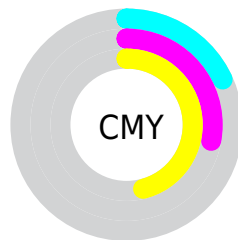
- Red (82%)
- Green (72%)
- Blue (54%)



- Red (70%)
- Yellow (82%)
- Blue (54%)



- Cyan (0%)
- Magenta (12%)
- Yellow (34%)
- Black (18%)




- Cyan (18%)
- Magenta (28%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.2284, 0.3741, 0.3857 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 49.2284, 0.3741, 0.3857 by changing the saturation by 10% instead.


 49.2284, 0.3741,
0.3857


 49.2284, 0.3741,
0.3857


383.6408, 0.3439,
0.3581


 34.8007, 0.3814,
0.3923


 89.0306, 0.3633,
0.3759

 23.5094, 0.3906,
0.4004


 115.1739, 0.3592,
0.3722

 14.9701, 0.4024,
0.4109


 145.9911, 0.3557,
0.3690

 8.7984, 0.4182,
0.4244

181.8667, 0.3526,
0.3662

 4.6099, 0.4396,
0.4424

223.1851, 0.3500,
0.3638

 2.0203, 0.5014,
0.4977

270.3306, 0.3477,

 0.6192, 0.5136,

0.3617

0.4864

323.6877, 0.3457,
0.3598

0.0000, 0.0000,
0.0000

49.2284, 0.3741,
0.3857

49.2284, 0.3741,
0.3857

45.6549, 0.3953,
0.4021

53.0899, 0.3543,
0.3688

42.3531, 0.4172,
0.4171

57.2414, 0.3360,
0.3520

39.3155, 0.4391,
0.4297


61.6932, 0.3195,
0.3359


36.5307, 0.4599,
0.4386

66.4533, 0.3047,
0.3207


33.9865, 0.4786,
0.4429


71.5290, 0.2915,
0.3064

 31.6681, 0.4941,
0.4419

 76.4400, 0.2840,
0.3007

 30.4658, 0.5017,
0.4398

 80.6949, 0.2844,
0.3089

 85.1338, 0.2848,
0.3169

 89.7588, 0.2853,
0.3248

Harmonies

Analogous

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



49.2284, 0.3866, 0.3617



49.2284, 0.3741, 0.3857



49.2284, 0.3451, 0.3956

Triad

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



49.2284, 0.3741, 0.3857



49.2284, 0.2513, 0.3206



49.2284, 0.3135, 0.2805

Complementary

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



49.2284, 0.3741, 0.3857



36.1310, 0.2559, 0.2646

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.



49.2284, 0.2782, 0.2693



49.2284, 0.3741, 0.3857



49.2284, 0.2439, 0.2900

Square

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



49.2284, 0.3741, 0.3857



49.2284, 0.2744, 0.3566



49.2284, 0.2534, 0.2721



49.2284, 0.3505, 0.3028

Rectangle

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



49.2284, 0.3741, 0.3857



49.2284, 0.3210, 0.3910



49.2284, 0.2534, 0.2721



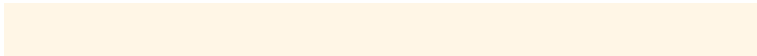
49.2284, 0.3010, 0.2753

Sweetspot

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



49.2307, 0.3741, 0.3857



92.7259, 0.3287, 0.3450



34.1130, 0.3636, 0.2960



19.6368, 0.3310, 0.3473



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.



49.2307, 0.3741, 0.3857



73.2148, 0.3888, 0.3973



59.6155, 0.3563, 0.4166



13.0490, 0.3275, 0.3438



18.9737, 0.5002, 0.4410



1.2086, 0.4816, 0.4558

Inverse Universe

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



36.1310, 0.2559, 0.2646



49.8123, 0.2435, 0.2488



28.6678, 0.2589, 0.2289



12.1070, 0.2982, 0.3137



6.1566, 0.1657, 0.1165



0.4932, 0.1761, 0.1540

Previews

White Background



This preview shows how the Yxy color 49.2284, 0.3741, 0.3857 looks on a white background.

Color Contrast Check

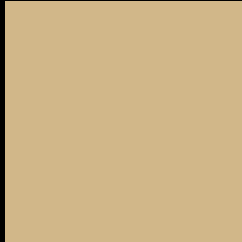
Large Text (above 18pt) WCAG AA × Fail

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 49.2284, 0.3741, 0.3857 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 49.2284, 0.3741, 0.3857

Background



This preview shows how black text looks on a background with the Yxy color 49.2284, 0.3741, 0.3857.



This preview shows how white text looks on a background with the Yxy color 49.2284, 0.3741, 0.3857.

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

49.2284, 0.3741, 0.3857

Protanopia

49.2321, 0.3639, 0.3897

Deuteranopia

49.2908, 0.3851, 0.3779



Tritanopia

49.2154, 0.3355, 0.3125

Trichromacy



Original Color

49.2284, 0.3741, 0.3857

Protanomaly

49.2294, 0.3670, 0.3880

Deuteranomaly

49.0764, 0.3809, 0.3798

Tritanomaly

49.3266, 0.3497, 0.3388

Monochromacy



Original Color

49.2284, 0.3741, 0.3857

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.9944, 0.3340, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.2284, 0.3741, 0.3857 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, 183, 137)` looks like.

```
.text, #text, p{  
    color:rgb(209, 183, 137)  
}
```

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, 183, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 183, 137) }
```

Border

The CSS property to change the border of an element to Yxy 49.2284, 0.3741, 0.3857 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, 183, 137) }
```

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

```
.border{ border-color:rgb(209, 183, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 183, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 183, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 183, 137);  
box-shadow:4px 4px 4px 4px rgb(209, 183,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 49.2284, 0.3741, 0.3857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 183, 137) }
```

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

```
.background{ background-color: rgb(209,  
183, 137) }
```

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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