

Converting Colors

$Yxy(46.2078, 0.3638, 0.3498)$

Have a look what the booklet for
Yxy(46.2078, 0.3638, 0.3498)
contains.

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Color

Yxy(46.2845, 0.3637, 0.3500)

Conversions

Conversions Part 1

Format	Color
Hex	D4AD9C
RGB	212, 173, 156
RGB Percent	83%, 68%, 61%
CMY	0.1686, 0.3215, 0.3881
CMYK	0.00, 0.18, 0.26, 0.17
HSL	18°, 39%, 72%
HSV	18°, 26%, 83%
XYZ	48.0962, 46.2845, 37.8607
YIQ	182.7230, 28.7010, 2.9810

Conversions

Conversions Part 2

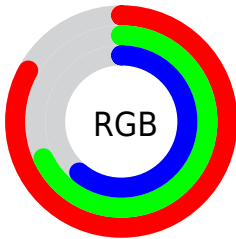
Format	Color
R _Y B	212, 180, 156
Decimal	13938076
CIE Lab	73.73, 11.67, 14.07
CIE LCh	74, 18.279, 50.317
Yxy	46.2845, 0.3637, 0.3500
Android (android.graphics.Color)	4292128156 (0xFFD4AD9C)
YUV	182.7230, -13.1744, 25.6759
Hunter-Lab	68.0327, 7.1346, 14.6276

Details

The Yxy color **46.2845, 0.3637, 0.3500** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.8596, 0.2723, 0.3069**, and the grayscale version is **47.2576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4500, 0.3432, 0.3462**, and **21.8628, 0.3787, 0.3554** is the 20% darker color. If you saturate the color by 10%, you get **40.2756, 0.3896, 0.3584**, and if you desaturate by 10%, it is **53.0490, 0.3417, 0.3417**.

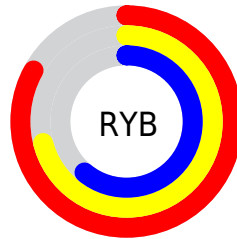
Distribution



Red (83%)

Green (68%)

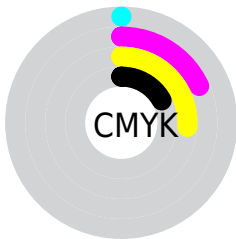
Blue (61%)



Red (83%)

Yellow (71%)

Blue (61%)

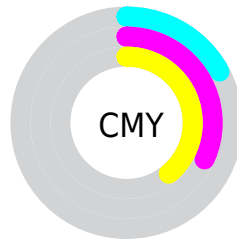


Cyan (0%)

Magenta (18%)

Yellow (26%)

Black (17%)



Cyan (17%)


Magenta (32%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.2845, 0.3637, 0.3500 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 46.2845, 0.3637, 0.3500 by changing the saturation by 10% instead.


 46.2845, 0.3637,
0.3500


 46.2845, 0.3637,
0.3500


371.9513, 0.3380,
0.3400

 32.4704, 0.3702,
0.3523


 84.6446, 0.3543,
0.3465

 21.7210, 0.3785,
0.3552


 109.9594, 0.3508,
0.3451

 13.6521, 0.3896,
0.3589


139.8765, 0.3478,
0.3440

 7.8791, 0.4052,
0.3636

174.7804, 0.3453,
0.3430

 4.0177, 0.4283,
0.3697

215.0554, 0.3431,
0.3421

 1.6835, 0.4688,
0.3797

261.0860, 0.3412,

 0.4129, 0.6213,

0.3413

0.3787

313.2565, 0.3395,
0.3406

0.0000, 0.0000,
0.0000

46.2845, 0.3637,
0.3500

46.2845, 0.3637,
0.3500

40.2756, 0.3896,
0.3584

53.0490, 0.3417,
0.3417

34.9892, 0.4195,
0.3664

60.5882, 0.3231,
0.3338

30.3989, 0.4532,
0.3732

68.9282, 0.3074,
0.3264

26.4742, 0.4895,
0.3778

78.0922, 0.2942,
0.3196

23.1824, 0.5263,
0.3789

87.6419, 0.2868,
0.3205

■ 20.4872, 0.5604,
0.3755

■ 92.7365, 0.2872,
0.3289

■ 18.3476, 0.5881,
0.3675

■ 17.6995, 0.5969,
0.3643

Harmonies

Analogous

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



46.2845, 0.3558, 0.3286



46.2845, 0.3637, 0.3500



46.2845, 0.3573, 0.3671

Triad

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



46.2845, 0.3637, 0.3500



46.2845, 0.2891, 0.3510



46.2845, 0.2859, 0.2865

Complementary

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



46.2845, 0.3637, 0.3500



50.8596, 0.2723, 0.3069

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.



46.2845, 0.2695, 0.2904



46.2845, 0.3637, 0.3500



46.2845, 0.2713, 0.3270

Square

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



46.2845, 0.3637, 0.3500



46.2845, 0.3137, 0.3689



46.2845, 0.2643, 0.3048



46.2845, 0.3101, 0.2931

Rectangle

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



46.2845, 0.3637, 0.3500



46.2845, 0.3460, 0.3734



46.2845, 0.2643, 0.3048



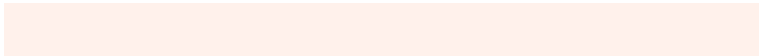
46.2845, 0.2794, 0.2866

Sweetspot

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



46.2866, 0.3637, 0.3500



90.0211, 0.3260, 0.3351



41.7303, 0.3308, 0.2822



18.8856, 0.3287, 0.3363



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.



46.2866, 0.3637, 0.3500



64.7530, 0.3786, 0.3550



58.0782, 0.3555, 0.3823



13.0291, 0.3284, 0.3361



11.0825, 0.5943, 0.3663



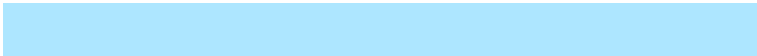
0.8130, 0.5600, 0.3935

Inverse Universe

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



50.8596, 0.2723, 0.3069



72.8784, 0.2634, 0.3012



39.5405, 0.2687, 0.2693



13.4422, 0.2982, 0.3218



16.1313, 0.1965, 0.2275



1.1156, 0.2020, 0.2471

Previews

White Background



This preview shows how the Yxy color 46.2845, 0.3637, 0.3500 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 46.2845, 0.3637, 0.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

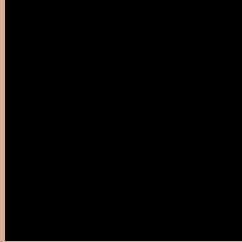
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.2845, 0.3637, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 46.2845, 0.3637, 0.3500.



This preview shows how white text looks on a background with the Yxy color 46.2845, 0.3637, 0.3500.

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

46.2845, 0.3637, 0.3500

Protanopia

46.5330, 0.3378, 0.3564

Deuteranopia

46.4701, 0.3594, 0.3527



Tritanopia

46.2004, 0.3438, 0.3135

Trichromacy



Original Color

46.2845, 0.3637, 0.3500

Protanomaly

46.3498, 0.3466, 0.3534

Deuteranomaly

46.2277, 0.3606, 0.3514

Tritanomaly

46.0627, 0.3508, 0.3255

Monochromacy



Original Color

46.2845, 0.3637, 0.3500

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.7267, 0.3308, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2845, 0.3637, 0.3500 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(212, 173, 156)` looks like.

```
.text, #text, p{  
    color:rgb(212, 173, 156)  
}
```

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(212, 173, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 173, 156) }
```

Border

The CSS property to change the border of an element to Yxy 46.2845, 0.3637, 0.3500 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(212, 173, 156) }
```

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

```
.border{ border-color:rgb(212, 173, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 173, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 173, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 173, 156);  
box-shadow:4px 4px 4px 4px rgb(212, 173,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2845, 0.3637, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 173, 156) }
```

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

```
.background{ background-color: rgb(212,  
173, 156) }
```

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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