

Converting Colors

$Yxy(45.5494, 0.3697, 0.3630)$

Have a look what the booklet for
Yxy(45.5494, 0.3697, 0.3630)
contains.

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Color

Yxy(45.5178, 0.3700, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	D1AD92
RGB	209, 173, 146
RGB Percent	82%, 68%, 57%
CMY	0.1805, 0.3215, 0.4275
CMYK	0.00, 0.17, 0.30, 0.18
HSL	26°, 41%, 70%
HSV	26°, 30%, 82%
XYZ	46.4211, 45.5178, 33.5236
YIQ	180.6860, 30.1230, -0.7650

Conversions

Conversions Part 2

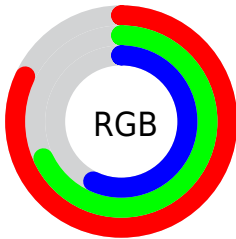
Format	Color
R _Y B	209, 193, 146
Decimal	13741458
CIE Lab	73.23, 9.14, 18.80
CIE LCh	73, 20.902, 64.072
Yxy	45.5178, 0.3700, 0.3628
Android (android.graphics.Color)	4291931538 (0xFFD1AD92)
YUV	180.6860, -17.1002, 24.8314
Hunter-Lab	67.4669, 4.7513, 17.7662

Details

The Yxy color **45.5178, 0.3700, 0.3628** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.1452, 0.2655, 0.2925**, and the grayscale version is **46.1114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9169, 0.3507, 0.3574**, and **21.3710, 0.3874, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **40.5544, 0.3947, 0.3744**, and if you desaturate by 10%, it is **51.0129, 0.3482, 0.3511**.

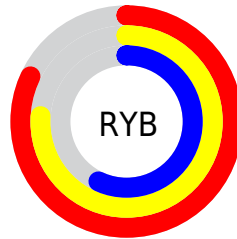
Distribution



Red (82%)

Green (68%)

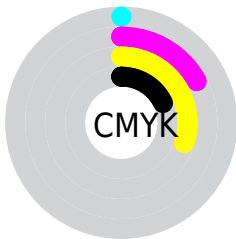
Blue (57%)



Red (82%)

Yellow (76%)

Blue (57%)

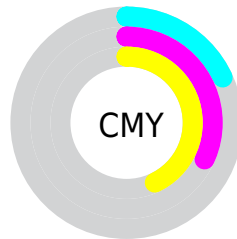


Cyan (0%)

Magenta (17%)

Yellow (30%)

Black (18%)



Cyan (18%)


Magenta (32%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5178, 0.3700, 0.3628 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 45.5178, 0.3700, 0.3628 by changing the saturation by 10% instead.

 45.5178, 0.3700,
0.3628

 45.5178, 0.3700,
0.3628


368.8666, 0.3411,
0.3464

 31.8655, 0.3773,
0.3667


 83.4969, 0.3595,
0.3570

 21.2588, 0.3866,
0.3715


 108.5924, 0.3555,
0.3548

 13.3133, 0.3989,
0.3777


138.2712, 0.3522,
0.3529

 7.6446, 0.4161,
0.3857

172.9175, 0.3493,
0.3512

 3.8684, 0.4412,
0.3964

212.9158, 0.3469,
0.3498

 1.6002, 0.4994,
0.4259

258.6505, 0.3447,

 0.3578, 0.6115,

0.3485

0.3885

310.5060, 0.3428,
0.3474

0.0000, 0.0000,
0.0000

45.5178, 0.3700,
0.3628

45.5178, 0.3700,
0.3628

40.5544, 0.3947,
0.3744

51.0129, 0.3482,
0.3511

36.0993, 0.4223,
0.3853

57.0495, 0.3293,
0.3398

32.1364, 0.4521,
0.3944

63.6454, 0.3129,
0.3292

28.6462, 0.4830,
0.4006

70.8152, 0.2989,
0.3192

25.6075, 0.5131,
0.4025

78.5732, 0.2868,
0.3101

■ 22.9968, 0.5402,
0.3992

■ 85.8336, 0.2849,
0.3181

■ 20.8109, 0.5627,
0.3914

■ 92.2927, 0.2855,
0.3289

Harmonies

Analogous

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



45.5178, 0.3685, 0.3398



45.5178, 0.3700, 0.3628



45.5178, 0.3555, 0.3784

Triad

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



45.5178, 0.3700, 0.3628



45.5178, 0.2749, 0.3419



45.5178, 0.2938, 0.2825

Complementary

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



45.5178, 0.3700, 0.3628



44.1452, 0.2655, 0.2925

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.



45.5178, 0.2704, 0.2812



45.5178, 0.3700, 0.3628



45.5178, 0.2599, 0.3140

Square

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



45.5178, 0.3700, 0.3628



45.5178, 0.3002, 0.3671



45.5178, 0.2583, 0.2921



45.5178, 0.3234, 0.2949

Rectangle

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



45.5178, 0.3700, 0.3628



45.5178, 0.3391, 0.3816



45.5178, 0.2583, 0.2921



45.5178, 0.2850, 0.2808

Sweetspot

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



45.5199, 0.3700, 0.3628



90.5328, 0.3275, 0.3387



37.5113, 0.3413, 0.2839



19.0649, 0.3300, 0.3403



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.



45.5199, 0.3700, 0.3628



66.4315, 0.3852, 0.3701



58.6857, 0.3596, 0.3981



12.6305, 0.3280, 0.3390



13.0211, 0.5602, 0.3934



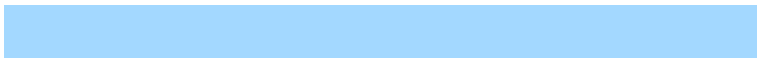
0.8841, 0.5282, 0.4188

Inverse Universe

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



44.1452, 0.2655, 0.2925



63.9382, 0.2557, 0.2835



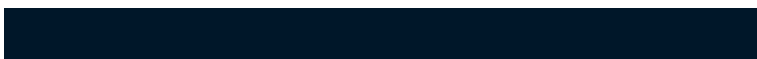
32.9182, 0.2606, 0.2490



12.5219, 0.2983, 0.3188



11.2186, 0.1842, 0.1831



0.7832, 0.1924, 0.2125

Previews

White Background



This preview shows how the Yxy color 45.5178, 0.3700, 0.3628 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 45.5178, 0.3700, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

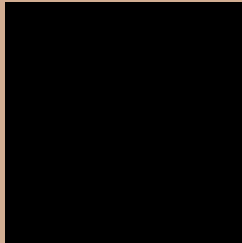
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.5178, 0.3700, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 45.5178, 0.3700, 0.3628.



This preview shows how white text looks on a background with the Yxy color 45.5178, 0.3700, 0.3628.

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

45.5178, 0.3700, 0.3628

Protanopia

45.7596, 0.3473, 0.3698

Deuteranopia

45.5178, 0.3700, 0.3628



Tritanopia

45.4876, 0.3430, 0.3134

Trichromacy



Original Color

45.5178, 0.3700, 0.3628

Protanomaly

45.4527, 0.3556, 0.3665

Deuteranomaly

45.5178, 0.3700, 0.3628

Tritanomaly

45.5737, 0.3535, 0.3316

Monochromacy



Original Color

45.5178, 0.3700, 0.3628

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.7443, 0.3325, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5178, 0.3700, 0.3628 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, 173, 146)` looks like.

```
.text, #text, p{  
    color:rgb(209, 173, 146)  
}
```

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, 173, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 173, 146) }
```

Border

The CSS property to change the border of an element to Yxy 45.5178, 0.3700, 0.3628 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, 173, 146) }
```

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

```
.border{ border-color:rgb(209, 173, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 173, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 173, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 173, 146);  
box-shadow:4px 4px 4px 4px rgb(209, 173,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5178, 0.3700, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 173, 146) }
```

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

```
.background{ background-color: rgb(209,  
173, 146) }
```

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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