

Converting Colors

$Yxy(45.5467, 0.3718, 0.3616)$

Have a look what the booklet for
Yxy(45.5467, 0.3718, 0.3616)
contains.

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Color

Yxy(45.4293, 0.3723, 0.3613)

Conversions

Conversions Part 1

Format	Color
Hex	D3AC92
RGB	211, 172, 146
RGB Percent	83%, 67%, 57%
CMY	0.1724, 0.3255, 0.4274
CMYK	0.00, 0.19, 0.31, 0.17
HSL	24°, 43%, 70%
HSV	24°, 31%, 83%
XYZ	46.8124, 45.4293, 33.4967
YIQ	180.6970, 31.5900, 0.1820

Conversions

Conversions Part 2

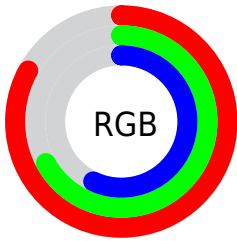
Format	Color
R_{YB}	211, 189, 146
Decimal	13872274
CIE _{Lab}	73.17, 10.49, 18.73
CIE _{LCh}	73, 21.472, 60.750
Yxy	45.4293, 0.3723, 0.3613
Android (android.graphics.Color)	4292062354 (0xFFD3AC92)
YUV	180.6970, -17.1056, 26.5757
Hunter-Lab	67.4013, 6.0220, 17.7153

Details

The Yxy color $45.4293, 0.3723, 0.3613$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $45.5342, 0.2647, 0.2942$, and the grayscale version is $46.1202, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.3683, 0.3509, 0.3564$, and $21.2277, 0.3893, 0.3706$ is the 20% darker color. If you saturate the color by 10%, you get $40.2392, 0.3979, 0.3721$, and if you desaturate by 10%, it is $51.2047, 0.3499, 0.3504$.

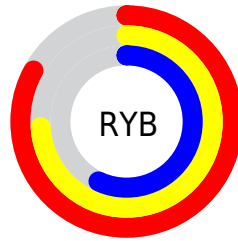
Distribution



Red (83%)

Green (67%)

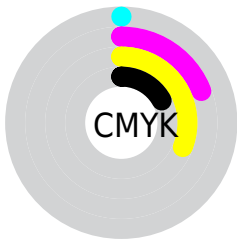
Blue (57%)



Red (83%)

Yellow (74%)

Blue (57%)

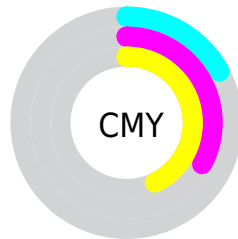


Cyan (0%)

Magenta (19%)

Yellow (31%)

Black (17%)



Cyan (17%)


Magenta (33%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.4293, 0.3723, 0.3613 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 45.4293, 0.3723, 0.3613 by changing the saturation by 10% instead.


 45.4293, 0.3723,
0.3613


 45.4293, 0.3723,
0.3613

368.5095, 0.3422,
0.3458

 31.7957, 0.3799,
0.3650

 83.3642, 0.3613,
0.3558

 21.2055, 0.3896,
0.3695


 108.4344, 0.3572,
0.3537

 13.2743, 0.4025,
0.3752

138.0855, 0.3537,
0.3519

 7.6177, 0.4204,
0.3826

172.7020, 0.3508,
0.3503

 3.8513, 0.4467,
0.3922

212.6682, 0.3482,
0.3490

 1.5907, 0.5071,
0.4195


258.3686, 0.3459,


 0.3513, 0.6268,

0.3478


0.3732

310.1876, 0.3440,
0.3467


 0.0000, 0.0000,
0.0000


 45.4293, 0.3723,
0.3613


 45.4293, 0.3723,
0.3613


 40.2392, 0.3979,
0.3721

 51.2047, 0.3499,
0.3504


 35.6086, 0.4265,
0.3822

 57.5775, 0.3306,
0.3398


 31.5189, 0.4577,
0.3905

 64.5674, 0.3140,
0.3298

 27.9478, 0.4900,
0.3957

 72.1912, 0.2997,
0.3205

 24.8714, 0.5215,
0.3967

 80.4651, 0.2875,
0.3119

■ 22.2628, 0.5496,
0.3925

■ 88.2167, 0.2863,
0.3217

■ 20.2466, 0.5712,
0.3846

■ 92.5941, 0.2866,
0.3289

Harmonies

Analogous

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



45.4293, 0.3689, 0.3372



45.4293, 0.3723, 0.3613



45.4293, 0.3590, 0.3785

Triad

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



45.4293, 0.3723, 0.3613



45.4293, 0.2763, 0.3455



45.4293, 0.2902, 0.2806

Complementary

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



45.4293, 0.3723, 0.3613



45.5342, 0.2647, 0.2942

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.



45.4293, 0.2673, 0.2806



45.4293, 0.3723, 0.3613



45.4293, 0.2596, 0.3165

Square

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



45.4293, 0.3723, 0.3613



45.4293, 0.3031, 0.3705



45.4293, 0.2564, 0.2931



45.4293, 0.3202, 0.2921

Rectangle

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



45.4293, 0.3723, 0.3613



45.4293, 0.3429, 0.3830



45.4293, 0.2564, 0.2931



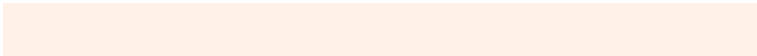
45.4293, 0.2814, 0.2792

Sweetspot

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



45.4314, 0.3723, 0.3613



90.1307, 0.3275, 0.3380



37.9629, 0.3399, 0.2804



18.9661, 0.3301, 0.3395



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.



45.4314, 0.3723, 0.3613



64.3710, 0.3888, 0.3685



58.8534, 0.3614, 0.3974



12.5725, 0.3281, 0.3383



12.4026, 0.5686, 0.3867



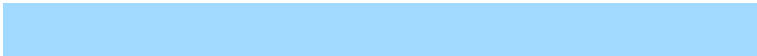
0.8470, 0.5351, 0.4134

Inverse Universe

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



45.5342, 0.2647, 0.2942



64.5393, 0.2546, 0.2854



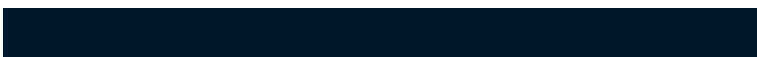
33.7928, 0.2596, 0.2499



12.5813, 0.2983, 0.3195



12.1543, 0.1871, 0.1935



0.8326, 0.1947, 0.2210

Previews

White Background



This preview shows how the Yxy color 45.4293, 0.3723, 0.3613 looks on a white background.

Color Contrast Check

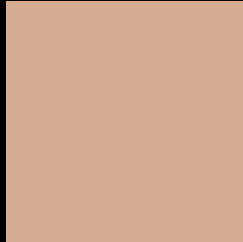
Large Text (above 18pt) WCAG AA × Fail

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 45.4293, 0.3723, 0.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

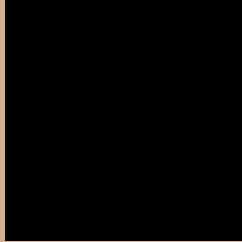
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4293, 0.3723, 0.3613

Background



This preview shows how black text looks on a background with the Yxy color 45.4293, 0.3723, 0.3613.



This preview shows how white text looks on a background with the Yxy color 45.4293, 0.3723, 0.3613.

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

45.4293, 0.3723, 0.3613

Protanopia

45.3894, 0.3467, 0.3672

Deuteranopia

45.5178, 0.3700, 0.3628



Tritanopia

45.3798, 0.3460, 0.3135

Trichromacy



Original Color

45.4293, 0.3723, 0.3613

Protanomaly

45.2264, 0.3559, 0.3639

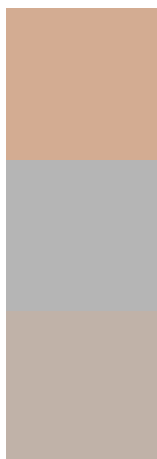
Deuteranomaly

45.6641, 0.3709, 0.3626

Tritanomaly

45.4992, 0.3557, 0.3303

Monochromacy



Original Color

45.4293, 0.3723, 0.3613

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.8744, 0.3334, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4293, 0.3723, 0.3613 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, 172, 146)` looks like.

```
.text, #text, p{  
    color:rgb(211, 172, 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(211, 172, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 172, 146) }
```

Border

The CSS property to change the border of an element to Yxy 45.4293, 0.3723, 0.3613 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, 172, 146) }
```

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

```
.border{ border-color:rgb(211, 172, 146) }
```

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

Here you see how a box with a 4 pixel rgb(211, 172, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 172, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 172, 146);  
box-shadow:4px 4px 4px 4px rgb(211, 172,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4293, 0.3723, 0.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 172, 146) }
```

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

```
.background{ background-color: rgb(211,  
172, 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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