

Converting Colors

$Yxy(45.6909, 0.4119, 0.4023)$

Have a look what the booklet for
Yxy(45.6909, 0.4119, 0.4023)
contains.

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Color

Yxy(45.6909, 0.4119, 0.4023)

Conversions

Conversions Part 1

Format	Color
Hex	DBAC6E
RGB	219, 172, 110
RGB Percent	86%, 67%, 43%
CMY	0.1412, 0.3255, 0.5687
CMYK	0.00, 0.21, 0.50, 0.14
HSL	34°, 60%, 65%
HSV	34°, 50%, 86%
XYZ	46.7812, 45.6909, 21.1021
YIQ	178.9850, 47.9140, -9.3180

Conversions

Conversions Part 2

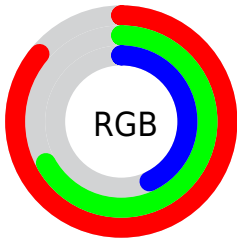
Format	Color
RYB	193, 219, 110
Decimal	14396526
CIELab	73.34, 9.67, 38.30
CIELCh	73, 39.503, 75.834
Yxy	45.6909, 0.4119, 0.4023
Android (android.graphics.Color)	4292586606 (0xFFDBAC6E)
YUV	178.9850, -34.0096, 35.0932
Hunter-Lab	67.5950, 5.2450, 28.8071

Details

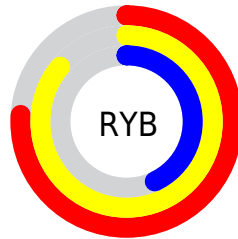
The Yxy color **45.6909, 0.4119, 0.4023** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.5403, 0.2308, 0.2402**, and the grayscale version is **45.2373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.8425, 0.3765, 0.3941**, and **21.4512, 0.4380, 0.4183** is the 20% darker color. If you saturate the color by 10%, you get **41.8060, 0.4365, 0.4147**, and if you desaturate by 10%, it is **49.9535, 0.3883, 0.3880**.

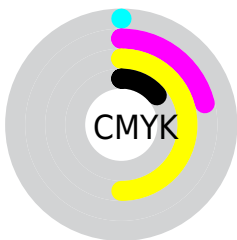
Distribution



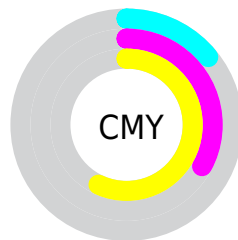
- Red (86%)
- Green (67%)
- Blue (43%)



- Red (76%)
- Yellow (86%)
- Blue (43%)



- Cyan (0%)
- Magenta (21%)
- Yellow (50%)
- Black (14%)




- Cyan (14%)
- Magenta (33%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6909, 0.4119, 0.4023 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 45.6909, 0.4119, 0.4023 by changing the saturation by 10% instead.


 45.6909, 0.4119,
0.4023

 45.6909, 0.4119,
0.4023


369.5646, 0.3629,
0.3678

 32.0020, 0.4235,
0.4099


 83.7562, 0.3944,
0.3905


 21.3630, 0.4380,
0.4188


 108.9014, 0.3878,
0.3858

 13.3896, 0.4561,
0.4294


 138.6341, 0.3821,
0.3818

 7.6974, 0.4791,
0.4411

 173.3388, 0.3772,
0.3782

 3.9019, 0.5203,
0.4635

213.3997, 0.3729,
0.3752

 1.6189, 0.5424,
0.4576

259.2014, 0.3691,

 0.3703, 0.6136,

0.3724

0.3864

311.1282, 0.3658,
0.3700

0.0000, 0.0000,
0.0000

45.6909, 0.4119,
0.4023

45.6909, 0.4119,
0.4023

41.8060, 0.4365,
0.4147

49.9535, 0.3883,
0.3880

38.2781, 0.4610,
0.4240

54.6002, 0.3663,
0.3729

35.0938, 0.4842,
0.4291

59.6454, 0.3463,
0.3576


32.2355, 0.5045,
0.4289


65.1007, 0.3283,
0.3428

29.6767, 0.5216,
0.4238

70.9771, 0.3124,
0.3287

 29.6226, 0.5220,
0.4237

 77.2849, 0.2983,
0.3155

 83.4885, 0.2906,
0.3116

 89.1349, 0.2909,
0.3213

 93.8009, 0.2911,
0.3289

Harmonies

Analogous

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



45.6909, 0.4235, 0.3622



45.6909, 0.4119, 0.4023



45.6909, 0.3733, 0.4277

Triad

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



45.6909, 0.4119, 0.4023



45.6909, 0.2297, 0.3301



45.6909, 0.2971, 0.2526

Complementary

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



45.6909, 0.4119, 0.4023



32.5403, 0.2308, 0.2402

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.



45.6909, 0.2493, 0.2414



45.6909, 0.4119, 0.4023



45.6909, 0.2133, 0.2803

Square

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



45.6909, 0.4119, 0.4023



45.6909, 0.2680, 0.3860



45.6909, 0.2201, 0.2500



45.6909, 0.3538, 0.2801

Rectangle

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



45.6909, 0.4119, 0.4023



45.6909, 0.3387, 0.4291



45.6909, 0.2201, 0.2500



45.6909, 0.2795, 0.2468

Sweetspot

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



45.6931, 0.4119, 0.4023



87.7025, 0.3377, 0.3507



28.6529, 0.3898, 0.2731



18.4253, 0.3416, 0.3538



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.



45.6931, 0.4119, 0.4023



58.6294, 0.4383, 0.4155



65.7496, 0.3795, 0.4519



14.2748, 0.3277, 0.3423



17.7854, 0.5201, 0.4253



1.3222, 0.4992, 0.4418

Inverse Universe

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



32.5403, 0.2308, 0.2402



38.0372, 0.2138, 0.2167



20.0643, 0.2231, 0.1740



13.5359, 0.2982, 0.3153



8.0324, 0.1712, 0.1364



0.6894, 0.1801, 0.1683

Previews

White Background



This preview shows how the Yxy color 45.6909, 0.4119, 0.4023 looks on a white background.

Color Contrast Check

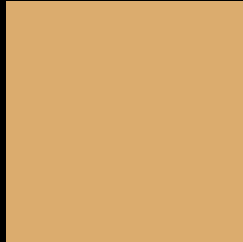
Large Text (above 18pt) WCAG AA × Fail

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 45.6909, 0.4119, 0.4023 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 45.6909, 0.4119, 0.4023

Background



This preview shows how black text looks on a background with the Yxy color 45.6909, 0.4119, 0.4023.



This preview shows how white text looks on a background with the Yxy color 45.6909, 0.4119, 0.4023.

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

45.6909, 0.4119, 0.4023

Protanopia

45.7051, 0.3839, 0.4146

Deuteranopia

45.5363, 0.4109, 0.4026



Tritanopia

45.6931, 0.3597, 0.3151

Trichromacy



Original Color

45.6909, 0.4119, 0.4023

Protanomaly

45.5933, 0.3940, 0.4099

Deuteranomaly

45.5363, 0.4109, 0.4026

Tritanomaly

45.5924, 0.3799, 0.3470

Monochromacy



Original Color

45.6909, 0.4119, 0.4023

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.8531, 0.3478, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6909, 0.4119, 0.4023 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(219, 172, 110)` looks like.

```
.text, #text, p{  
    color:rgb(219, 172, 110)  
}
```

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(219, 172, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 172, 110) }
```

Border

The CSS property to change the border of an element to Yxy 45.6909, 0.4119, 0.4023 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(219, 172, 110) }
```

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

```
.border{ border-color:rgb(219, 172, 110) }
```

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

Here you see how a box with a 4 pixel rgb(219, 172, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 172, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 172, 110);  
box-shadow:4px 4px 4px 4px rgb(219, 172,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6909, 0.4119, 0.4023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 172, 110) }
```

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

```
.background{ background-color: rgb(219,  
172, 110) }
```

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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