

Converting Colors

$Y_{xy}(43.2470, 0.4579, 0.4734)$

Have a look what the booklet for
Yxy(43.2470, 0.4579, 0.4734)
contains.

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Color

Yxy(43.1338, 0.4580, 0.4732)

Conversions

Conversions Part 1

Format	Color
Hex	D4AB05
RGB	212, 171, 5
RGB Percent	83%, 67%, 2%
CMY	0.1685, 0.3294, 0.9800
CMYK	0.00, 0.19, 0.98, 0.17
HSL	48°, 95%, 43%
HSV	48°, 98%, 83%
XYZ	41.7483, 43.1338, 6.2714
YIQ	164.3350, 77.7220, -42.9340

Conversions

Conversions Part 2

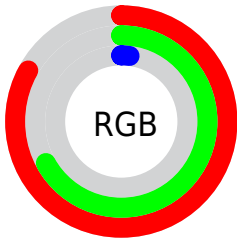
Format	Color
RYB	56, 212, 5
Decimal	13937413
CIELab	71.65, 2.29, 73.88
CIELCh	72, 73.911, 88.223
Yxy	43.1338, 0.4580, 0.4732
Android (android.graphics.Color)	4292127493 (0xFFD4AB05)
YUV	164.3350, -78.5522, 41.8022
Hunter-Lab	65.6763, -1.4670, 40.3119

Details

The Yxy color **43.1338, 0.4580, 0.4732** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **6.7526, 0.1566, 0.0817**, and the grayscale version is **37.6546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2319, 0.4242, 0.4628**, and **19.8691, 0.4630, 0.4706** is the 20% darker color. If you saturate the color by 10%, you get **42.7439, 0.4597, 0.4732**, and if you desaturate by 10%, it is **44.8145, 0.4500, 0.4721**.

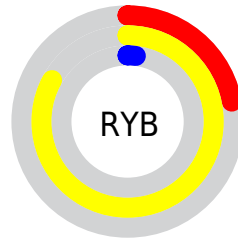
Distribution



Red (83%)

Green (67%)

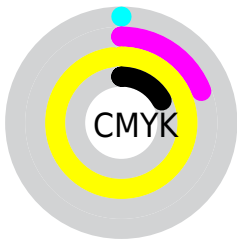
Blue (2%)



Red (22%)

Yellow (83%)

Blue (2%)

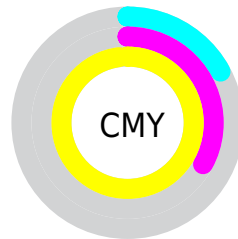


Cyan (0%)

Magenta (19%)

Yellow (98%)

Black (17%)



Cyan (17%)


Magenta (33%)

Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1338, 0.4580, 0.4732 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 43.1338, 0.4580, 0.4732 by changing the saturation by 10% instead.


 43.1338, 0.4580,
0.4732


 43.1338, 0.4580,
0.4732


359.1617, 0.3939,
0.4107


 29.9901, 0.4691,
0.4835


 79.9127, 0.4380,
0.4541

 19.8311, 0.4801,
0.4934


 104.3168, 0.4295,
0.4458


 12.2723, 0.4942,
0.5058


 133.2430, 0.4218,
0.4383

 6.9294, 0.4956,
0.5044

 167.0759, 0.4150,
0.4316

 3.4180, 0.4978,
0.5022

 206.1999, 0.4088,
0.4255

 1.3537, 0.5016,
0.4984

 250.9992, 0.4033,

 0.1822, 0.5571,

0.4201

0.4429

301.8584, 0.3984,
0.4152

■ 0.0000, 0.0000,
0.0000

■ 43.1338, 0.4580,
0.4732

■ 43.1338, 0.4580,
0.4732

■ 42.7439, 0.4597,
0.4732

■ 44.8145, 0.4500,
0.4721

■ 46.6127, 0.4392,
0.4665

■ 48.5456, 0.4256,
0.4563

■ 50.6243, 0.4099,
0.4421

■ 52.8583, 0.3929,
0.4247

■ 55.2559, 0.3752,
0.4054

■ 57.8248, 0.3575,
0.3849

■ 60.5720, 0.3404,
0.3642

■ 63.5039, 0.3242,
0.3439

Harmonies

Analogous

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



43.1338, 0.5117, 0.4012



43.1338, 0.4580, 0.4732



43.1338, 0.3717, 0.5233

Triad

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



43.1338, 0.4580, 0.4732



43.1338, 0.1509, 0.2800



43.1338, 0.3227, 0.2140

Complementary

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



43.1338, 0.4580, 0.4732



6.7526, 0.1566, 0.0817

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.



43.1338, 0.2283, 0.1842



43.1338, 0.4580, 0.4732



43.1338, 0.1436, 0.2094

Square

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



43.1338, 0.4580, 0.4732



43.1338, 0.1952, 0.3945



43.1338, 0.1689, 0.1809



43.1338, 0.4316, 0.2657

Rectangle

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



43.1338, 0.4580, 0.4732



43.1338, 0.3075, 0.5193



43.1338, 0.1689, 0.1809



43.1338, 0.2879, 0.2013

Sweetspot

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



43.1359, 0.4580, 0.4732



87.1160, 0.3605, 0.3885



14.3132, 0.6030, 0.3114



18.2837, 0.3681, 0.3973



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.



43.1359, 0.4580, 0.4732



64.6513, 0.4602, 0.4728



53.5917, 0.3676, 0.5450



14.0820, 0.3271, 0.3476



26.5237, 0.4591, 0.4737



1.7088, 0.4509, 0.4802

Inverse Universe

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



6.7526, 0.1566, 0.0817



9.5501, 0.1547, 0.0769



6.0654, 0.1718, 0.0730



12.4035, 0.2982, 0.3097



4.0718, 0.1556, 0.0802



0.3636, 0.1643, 0.1115

Previews

White Background



This preview shows how the Yxy color 43.1338, 0.4580, 0.4732 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 43.1338, 0.4580, 0.4732 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 43.1338, 0.4580, 0.4732

Background



This preview shows how black text looks on a background with the Yxy color 43.1338, 0.4580, 0.4732.



This preview shows how white text looks on a background with the Yxy color 43.1338, 0.4580, 0.4732.

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

43.1338, 0.4580, 0.4732

Protanopia

43.0783, 0.4392, 0.4868

Deuteranopia

43.2044, 0.4697, 0.4609



Tritanopia

43.1087, 0.3620, 0.3149

Trichromacy



Original Color

43.1338, 0.4580, 0.4732

Protanomaly

42.9861, 0.4462, 0.4818

Deuteranomaly

42.9372, 0.4657, 0.4652

Tritanomaly

42.2475, 0.4157, 0.3913

Monochromacy



Original Color

43.1338, 0.4580, 0.4732

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.5018, 0.3807, 0.4132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1338, 0.4580, 0.4732 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, 171, 5)` looks like.

```
.text, #text, p{  
    color:rgb(212, 171, 5)  
}
```

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, 171, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 171, 5) }
```

Border

The CSS property to change the border of an element to Yxy 43.1338, 0.4580, 0.4732 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, 171, 5) }
```

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

```
.border{ border-color:rgb(212, 171, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 171, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 171, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 171, 5);  
box-shadow:4px 4px 4px 4px rgb(212, 171,  
5) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 43.1338, 0.4580, 0.4732$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 171, 5) }
```

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

```
.background{ background-color: rgb(212,  
171, 5) }
```

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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