

Converting Colors

$Y_{xy}(43.4579, 0.4658, 0.4658)$

Have a look what the booklet for
Yxy(43.4579, 0.4658, 0.4658)
contains.

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Color

Yxy(43.4579, 0.4658, 0.4658)

Conversions

Conversions Part 1

Format	Color
Hex	DBA90A
RGB	219, 169, 10
RGB Percent	86%, 66%, 4%
CMY	0.1411, 0.3372, 0.9612
CMYK	0.00, 0.23, 0.95, 0.14
HSL	46°, 91%, 45%
HSV	46°, 95%, 86%
XYZ	43.4579, 43.4579, 6.3815
YIQ	165.8240, 80.8390, -38.8490

Conversions

Conversions Part 2

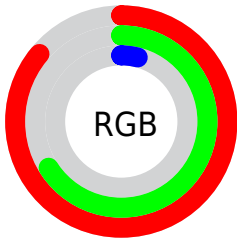
Format	Color
RYB	76, 219, 10
Decimal	14395658
CIELab	71.86, 6.47, 73.80
CIELCh	72, 74.086, 84.992
Yxy	43.4579, 0.4658, 0.4658
Android (android.graphics.Color)	4292585738 (0xFFDBA90A)
YUV	165.8240, -76.8212, 46.6354
Hunter-Lab	65.9226, 2.3073, 40.4063

Details

The Yxy color **43.4579, 0.4658, 0.4658** 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 **8.4008, 0.1599, 0.0925**, and the grayscale version is **38.3889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1805, 0.4247, 0.4600**, and **20.0935, 0.4745, 0.4615** is the 20% darker color. If you saturate the color by 10%, you get **42.5654, 0.4697, 0.4653**, and if you desaturate by 10%, it is **45.5296, 0.4558, 0.4647**.

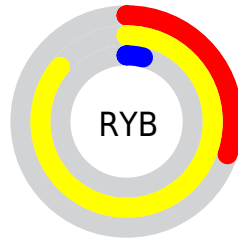
Distribution



Red (86%)

Green (66%)

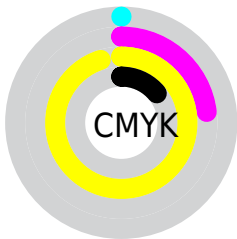
Blue (4%)



Red (30%)

Yellow (86%)

Blue (4%)

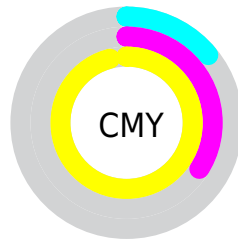


Cyan (0%)

Magenta (23%)

Yellow (95%)

Black (14%)



Cyan (14%)


Magenta (34%)

Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4579, 0.4658, 0.4658 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 43.4579, 0.4658, 0.4658 by changing the saturation by 10% instead.

 43.4579, 0.4658,
0.4658


 43.4579, 0.4658,
0.4658


360.4915, 0.3976,
0.4079


 30.2446, 0.4779,
0.4749


 80.4014, 0.4443,
0.4485

 20.0243, 0.4904,
0.4832


 104.9003, 0.4352,
0.4408


 12.4127, 0.5065,
0.4935


 133.9299, 0.4271,
0.4339

 7.0254, 0.5104,
0.4896

 167.8746, 0.4198,
0.4276

 3.4780, 0.5164,
0.4836

 207.1186, 0.4133,
0.4219

 1.3861, 0.5266,
0.4734

 252.0466, 0.4075,

 0.2064, 0.6317,

0.4168

0.3683

303.0427, 0.4023,
0.4121

■ 0.0000, 0.0000,
0.0000

■ 43.4579, 0.4658,
0.4658

■ 43.4579, 0.4658,
0.4658

■ 42.5654, 0.4697,
0.4653

■ 45.5296, 0.4558,
0.4647

■ 47.7569, 0.4428,
0.4588

■ 50.1565, 0.4272,
0.4483

■ 52.7402, 0.4098,
0.4340

■ 55.5184, 0.3914,
0.4168

■ 58.5003, 0.3727,
0.3979

■ 61.6945, 0.3545,
0.3782

■ 65.1086, 0.3372,
0.3584

■ 68.7500, 0.3210,
0.3392

Harmonies

Analogous

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



43.4579, 0.5144, 0.3934



43.4579, 0.4658, 0.4658



43.4579, 0.3818, 0.5204

Triad

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



43.4579, 0.4658, 0.4658



43.4579, 0.1538, 0.2905



43.4579, 0.3111, 0.2096

Complementary

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



43.4579, 0.4658, 0.4658



8.4008, 0.1599, 0.0925

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.



43.4579, 0.2201, 0.1825



43.4579, 0.4658, 0.4658



43.4579, 0.1428, 0.2148

Square

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



43.4579, 0.4658, 0.4658



43.4579, 0.2024, 0.4079



43.4579, 0.1646, 0.1823



43.4579, 0.4205, 0.2594

Rectangle

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



43.4579, 0.4658, 0.4658



43.4579, 0.3179, 0.5228



43.4579, 0.1646, 0.1823



43.4579, 0.2773, 0.1978

Sweetspot

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



43.4601, 0.4658, 0.4658



85.3495, 0.3613, 0.3856



15.6262, 0.5826, 0.3015



17.8557, 0.3692, 0.3941



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.



43.4601, 0.4658, 0.4658



59.8520, 0.4702, 0.4649



58.8759, 0.3765, 0.5371



14.7086, 0.3273, 0.3467



25.4142, 0.4688, 0.4660



1.7761, 0.4590, 0.4737

Inverse Universe

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



8.4008, 0.1599, 0.0925



10.5555, 0.1566, 0.0839



6.3597, 0.1679, 0.0717



13.1202, 0.2981, 0.3107



4.6510, 0.1576, 0.0874



0.4353, 0.1663, 0.1185

Previews

White Background



This preview shows how the Yxy color 43.4579, 0.4658, 0.4658 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 43.4579, 0.4658, 0.4658 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 43.4579, 0.4658, 0.4658

Background



This preview shows how black text looks on a background with the Yxy color 43.4579, 0.4658, 0.4658.



This preview shows how white text looks on a background with the Yxy color 43.4579, 0.4658, 0.4658.

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

43.4579, 0.4658, 0.4658

Protanopia

43.6209, 0.4384, 0.4859

Deuteranopia

43.3571, 0.4709, 0.4606



Tritanopia

43.3094, 0.3704, 0.3152

Trichromacy



Original Color

43.4579, 0.4658, 0.4658

Protanomaly

43.4230, 0.4483, 0.4787

Deuteranomaly

43.5639, 0.4691, 0.4623

Tritanomaly

42.4847, 0.4228, 0.3875

Monochromacy



Original Color

43.4579, 0.4658, 0.4658

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.0558, 0.3822, 0.4080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4579, 0.4658, 0.4658 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, 169, 10)` looks like.

```
.text, #text, p{  
    color:rgb(219, 169, 10)  
}
```

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, 169, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 169, 10) }
```

Border

The CSS property to change the border of an element to Yxy 43.4579, 0.4658, 0.4658 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, 169, 10) }
```

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

```
.border{ border-color:rgb(219, 169, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 169, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 169, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 169, 10);  
box-shadow:4px 4px 4px 4px rgb(219, 169,  
10) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4579, 0.4658, 0.4658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 169, 10) }
```

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

```
.background{ background-color: rgb(219,  
169, 10) }
```

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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