

Converting Colors

$Yxy(39.8365, 0.4645, 0.4694)$

Have a look what the booklet for
Yxy(39.8365, 0.4645, 0.4694)
contains.

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Color

Yxy(39.7497, 0.4649, 0.4691)

Conversions

Conversions Part 1

Format	Color
Hex	D1A300
RGB	209, 163, 0
RGB Percent	82%, 64%, 0%
CMY	0.1803, 0.3608, 1.0000
CMYK	0.00, 0.22, 1.00, 0.18
HSL	47°, 100%, 41%
HSV	47°, 100%, 82%
XYZ	39.3938, 39.7497, 5.5926
YIQ	158.1720, 79.7390, -40.9410

Conversions

Conversions Part 2

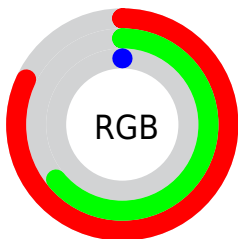
Format	Color
RYB	59, 209, 0
Decimal	13738752
CIELab	69.29, 5.16, 72.71
CIELCh	69, 72.892, 85.942
Yxy	39.7497, 0.4649, 0.4691
Android (android.graphics.Color)	4291928832 (0xFFD1A300)
YUV	158.1720, -77.9788, 44.5762
Hunter-Lab	63.0474, 1.1991, 38.8739

Details

The Yxy color **39.7497, 0.4649, 0.4691** 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 **6.5589, 0.1561, 0.0820**, and the grayscale version is **34.6100, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9386, 0.4311, 0.4584**, and **17.9779, 0.4703, 0.4648** is the 20% darker color. If you saturate the color by 10%, you get **39.7519, 0.4649, 0.4691**, and if you desaturate by 10%, it is **41.4695, 0.4565, 0.4690**.

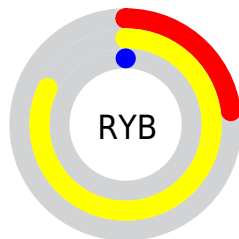
Distribution



Red (82%)

Green (64%)

Blue (0%)



Red (23%)

Yellow (82%)

Blue (0%)

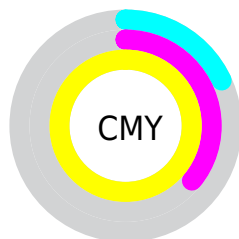


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7497, 0.4649, 0.4691 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 39.7497, 0.4649, 0.4691 by changing the saturation by 10% instead.


 39.7497, 0.4649,
0.4691


 39.7497, 0.4649,
0.4691

345.0675, 0.3964,
0.4087

 27.3434, 0.4770,
0.4787


 74.7822, 0.4433,
0.4509


 17.8313, 0.4892,
0.4874


 98.1773, 0.4342,
0.4428

 10.8290, 0.5034,
0.4966


 126.0040, 0.4260,
0.4356

 5.9519, 0.5069,
0.4931

 158.6469, 0.4187,
0.4290

 2.8159, 0.5123,
0.4877

 196.4903, 0.4122,
0.4231


 1.0364, 0.5220,
0.4780

 239.9186, 0.4064,

 0.0000, 1.0000,

0.4178


0.0000


 289.3162, 0.4011,
0.4130

 0.0000, 0.0000,
0.0000


 39.7497, 0.4649,
0.4691


 39.7497, 0.4649,
0.4691

 39.7519, 0.4649,
0.4691

 41.4695, 0.4565,
0.4690

 43.3054, 0.4455,
0.4649

 45.2797, 0.4318,
0.4560

 47.4039, 0.4158,
0.4430

 49.6874, 0.3983,
0.4267

■ 52.1389, 0.3802,
0.4081

■ 54.7658, 0.3621,
0.3883

■ 57.5753, 0.3446,
0.3681

■ 60.5740, 0.3281,
0.3482

Harmonies

Analogous

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



39.7497, 0.5160, 0.3958



39.7497, 0.4649, 0.4691



39.7497, 0.3792, 0.5237

Triad

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



39.7497, 0.4649, 0.4691



39.7497, 0.1511, 0.2866



39.7497, 0.3144, 0.2096

Complementary

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



39.7497, 0.4649, 0.4691



6.5589, 0.1561, 0.0820

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.



39.7497, 0.2214, 0.1815



39.7497, 0.4649, 0.4691



39.7497, 0.1413, 0.2117

Square

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



39.7497, 0.4649, 0.4691



39.7497, 0.1988, 0.4050



39.7497, 0.1643, 0.1803



39.7497, 0.4253, 0.2604

Rectangle

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



39.7497, 0.4649, 0.4691



39.7497, 0.3145, 0.5247



39.7497, 0.1643, 0.1803



39.7497, 0.2798, 0.1974

Sweetspot

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



39.7519, 0.4649, 0.4691



85.7366, 0.3627, 0.3890



13.7769, 0.6000, 0.3079



17.9687, 0.3704, 0.3975



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.



39.7519, 0.4649, 0.4691



62.0451, 0.4655, 0.4686



52.4059, 0.3725, 0.5424



13.3376, 0.3271, 0.3470



24.6580, 0.4641, 0.4697



1.4906, 0.4543, 0.4775

Inverse Universe

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



6.5589, 0.1561, 0.0820



10.0614, 0.1557, 0.0805



5.4372, 0.1656, 0.0686



11.8337, 0.2982, 0.3103



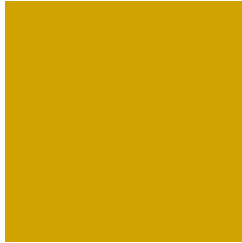
4.1645, 0.1567, 0.0841



0.3537, 0.1664, 0.1191

Previews

White Background



This preview shows how the Yxy color 39.7497, 0.4649, 0.4691 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 39.7497, 0.4649, 0.4691 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 39.7497, 0.4649, 0.4691

Background



This preview shows how black text looks on a background with the Yxy color 39.7497, 0.4649, 0.4691.



This preview shows how white text looks on a background with the Yxy color 39.7497, 0.4649, 0.4691.

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

39.7497, 0.4649, 0.4691

Protanopia

39.8477, 0.4388, 0.4868

Deuteranopia

39.8100, 0.4702, 0.4618



Tritanopia

39.5293, 0.3684, 0.3146

Trichromacy



Original Color

39.7497, 0.4649, 0.4691

Protanomaly

39.6563, 0.4493, 0.4797

Deuteranomaly

39.8530, 0.4678, 0.4648

Tritanomaly

38.7383, 0.4235, 0.3911

Monochromacy



Original Color

39.7497, 0.4649, 0.4691

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.4283, 0.3848, 0.4125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7497, 0.4649, 0.4691 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, 163, 0)` looks like.

```
.text, #text, p{  
    color:rgb(209, 163, 0)  
}
```

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, 163, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 163, 0) }
```

Border

The CSS property to change the border of an element to Yxy 39.7497, 0.4649, 0.4691 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, 163, 0) }
```

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

```
.border{ border-color:rgb(209, 163, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 163, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 163, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 163, 0);  
box-shadow:4px 4px 4px 4px rgb(209, 163,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7497, 0.4649, 0.4691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 163, 0) }
```

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

```
.background{ background-color: rgb(209,  
163, 0) }
```

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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