

Converting Colors

Yxy(39.8215, 0.4821, 0.4441)

Have a look what the booklet for
Yxy(39.8215, 0.4821, 0.4441)
contains.

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Color

Yxy(39.8782, 0.4813, 0.4446)

Conversions

Conversions Part 1

Format	Color
Hex	E19C1E
RGB	225, 156, 30
RGB Percent	88%, 61%, 12%
CMY	0.1177, 0.3882, 0.8826
CMYK	0.00, 0.31, 0.87, 0.12
HSL	39°, 77%, 50%
HSV	39°, 87%, 88%
XYZ	43.1700, 39.8782, 6.6464
YIQ	162.2670, 81.5700, -24.5580

Conversions

Conversions Part 2

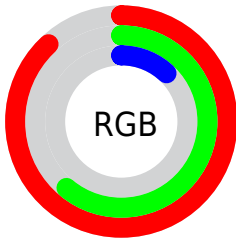
Format	Color
RYB	137, 225, 30
Decimal	14785566
CIELab	69.38, 16.31, 68.46
CIElCh	69, 70.380, 76.598
Yxy	39.8782, 0.4813, 0.4446
Android (android.graphics.Color)	4292975646 (0xFFE19C1E)
YUV	162.2670, -65.2076, 55.0168
Hunter-Lab	63.1492, 11.5149, 37.9642

Details

The Yxy color **39.8782, 0.4813, 0.4446** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **14.6186, 0.1748, 0.1376**, and the grayscale version is **36.5449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0745, 0.4312, 0.4441**, and **17.9957, 0.4996, 0.4415** is the 20% darker color. If you saturate the color by 10%, you get **37.2195, 0.4956, 0.4425**, and if you desaturate by 10%, it is **42.7973, 0.4637, 0.4415**.

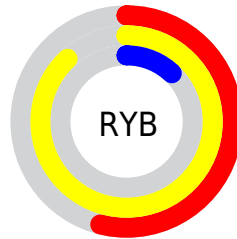
Distribution



Red (88%)

Green (61%)

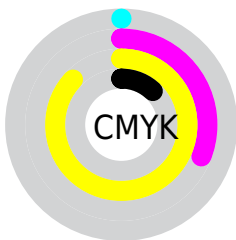
Blue (12%)



Red (54%)

Yellow (88%)

Blue (12%)

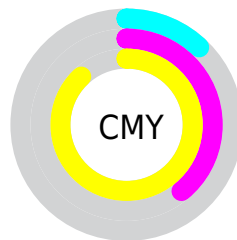


Cyan (0%)

Magenta (31%)

Yellow (87%)

Black (12%)



Cyan (12%)


Magenta (39%)

Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8782, 0.4813, 0.4446 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 39.8782, 0.4813, 0.4446 by changing the saturation by 10% instead.


 39.8782, 0.4813,
0.4446


 39.8782, 0.4813,
0.4446


345.6099, 0.4025,
0.3972

 27.4436, 0.4967,
0.4512


 74.9780, 0.4554,
0.4310


 17.9067, 0.5135,
0.4564


 98.4120, 0.4448,
0.4248


 10.8830, 0.5368,
0.4632


 126.2812, 0.4354,
0.4190

 5.9882, 0.5472,
0.4528

 158.9701, 0.4272,
0.4138

 2.8379, 0.5632,
0.4368

 196.8630, 0.4199,
0.4090

 1.0477, 0.5905,
0.4095

 240.3444, 0.4135,

 0.0000, 1.0000,

0.4047

0.0000

289.7985, 0.4077,
0.4008

■ 0.0000, 0.0000,
0.0000

■ 39.8782, 0.4813,
0.4446

■ 39.8782, 0.4813,
0.4446

■ 37.2195, 0.4956,
0.4425

■ 42.7973, 0.4637,
0.4415

■ 36.3856, 0.5000,
0.4412

■ 45.9892, 0.4435,
0.4335

■ 49.4714, 0.4220,
0.4216

■ 53.2570, 0.4001,
0.4068

■ 57.3583, 0.3788,
0.3904

■ 61.7865, 0.3587,
0.3733

■ 66.5518, 0.3400,
0.3562

■ 71.6641, 0.3231,
0.3396

■ 77.1328, 0.3079,
0.3239

Harmonies

Analogous

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



39.8782, 0.5138, 0.3732



39.8782, 0.4813, 0.4446



39.8782, 0.4064, 0.5060

Triad

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



39.8782, 0.4813, 0.4446



39.8782, 0.1662, 0.3209



39.8782, 0.2833, 0.2017

Complementary

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



39.8782, 0.4813, 0.4446



14.6186, 0.1748, 0.1376

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.



39.8782, 0.2030, 0.1821



39.8782, 0.4813, 0.4446



39.8782, 0.1453, 0.2333

Square

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



39.8782, 0.4813, 0.4446



39.8782, 0.2250, 0.4390



39.8782, 0.1579, 0.1903



39.8782, 0.3888, 0.2452

Rectangle

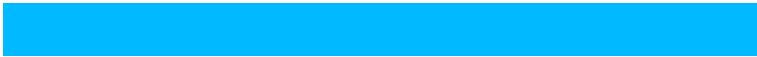
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.8782, 0.4813, 0.4446



39.8782, 0.3450, 0.5220



39.8782, 0.1579, 0.1903



39.8782, 0.2527, 0.1923

Sweetspot

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



39.8802, 0.4813, 0.4446



82.3840, 0.3577, 0.3724



17.8795, 0.5145, 0.2715



17.1820, 0.3645, 0.3784



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.



39.8802, 0.4813, 0.4446



48.1075, 0.5007, 0.4406



66.0744, 0.3959, 0.5159



15.1713, 0.3276, 0.3441



21.1980, 0.4984, 0.4424



1.6360, 0.4831, 0.4546

Inverse Universe

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



14.6186, 0.1748, 0.1376



14.5617, 0.1639, 0.1099



7.2007, 0.1656, 0.0761



14.0324, 0.2981, 0.3134



6.6019, 0.1650, 0.1139



0.6222, 0.1736, 0.1449

Previews

White Background



This preview shows how the Yxy color 39.8782, 0.4813, 0.4446 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 39.8782, 0.4813, 0.4446 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 39.8782, 0.4813, 0.4446

Background



This preview shows how black text looks on a background with the Yxy color 39.8782, 0.4813, 0.4446.



This preview shows how white text looks on a background with the Yxy color 39.8782, 0.4813, 0.4446.

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

39.8782, 0.4813, 0.4446

Protanopia

39.9413, 0.4334, 0.4789

Deuteranopia

39.8605, 0.4671, 0.4579



Tritanopia

39.8069, 0.3929, 0.3166

Trichromacy



Original Color

39.8782, 0.4813, 0.4446

Protanomaly

39.7166, 0.4504, 0.4664

Deuteranomaly

39.7808, 0.4727, 0.4530

Tritanomaly

39.2787, 0.4366, 0.3738

Monochromacy



Original Color

39.8782, 0.4813, 0.4446

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.6708, 0.3813, 0.3926

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8782, 0.4813, 0.4446 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(225, 156, 30)` looks like.

```
.text, #text, p{  
    color:rgb(225, 156, 30)  
}
```

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(225, 156, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 156, 30) }
```

Border

The CSS property to change the border of an element to Yxy 39.8782, 0.4813, 0.4446 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(225, 156, 30) }
```

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

```
.border{ border-color:rgb(225, 156, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 156, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 156, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 156, 30);  
box-shadow:4px 4px 4px 4px rgb(225, 156,  
30) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8782, 0.4813, 0.4446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 156, 30) }
```

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

```
.background{ background-color: rgb(225,  
156, 30) }
```

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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