

Converting Colors

$Yxy(39.8839, 0.4464, 0.4189)$

Have a look what the booklet for
Yxy(39.8839, 0.4464, 0.4189)
contains.

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Color

Yxy(39.9237, 0.4463, 0.4188)

Conversions

Conversions Part 1

Format	Color
Hex	DA9E4F
RGB	218, 158, 79
RGB Percent	85%, 62%, 31%
CMY	0.1452, 0.3803, 0.6902
CMYK	0.00, 0.28, 0.64, 0.15
HSL	34°, 65%, 58%
HSV	34°, 64%, 85%
XYZ	42.5452, 39.9237, 12.8599
YIQ	166.9340, 61.1190, -11.8490

Conversions

Conversions Part 2

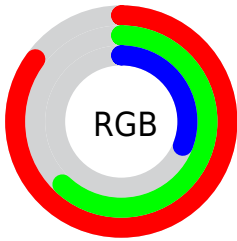
Format	Color
RYB	185, 218, 79
Decimal	14327375
CIELab	69.42, 14.31, 49.14
CIElCh	69, 51.182, 73.764
Yxy	39.9237, 0.4463, 0.4188
Android (android.graphics.Color)	4292517455 (0xFFDA9E4F)
YUV	166.9340, -43.3515, 44.7849
Hunter-Lab	63.1852, 9.6174, 32.1626

Details

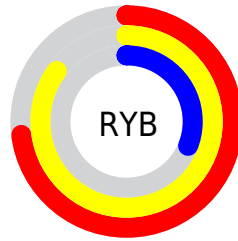
The Yxy color **39.9237, 0.4463, 0.4188** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **25.1733, 0.2090, 0.2096**, and the grayscale version is **38.8031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.4872, 0.4042, 0.4121**, and **17.9702, 0.4790, 0.4355** is the 20% darker color. If you saturate the color by 10%, you get **36.5719, 0.4704, 0.4266**, and if you desaturate by 10%, it is **43.6289, 0.4216, 0.4075**.

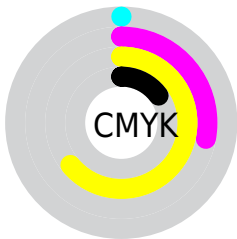
Distribution



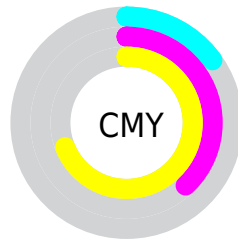
- Red (85%)
- Green (62%)
- Blue (31%)



- Red (73%)
- Yellow (85%)
- Blue (31%)



- Cyan (0%)
- Magenta (28%)
- Yellow (64%)
- Black (15%)





- Cyan (15%)
- Magenta (38%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9237, 0.4463, 0.4188 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 39.9237, 0.4463, 0.4188 by changing the saturation by 10% instead.


 39.9237, 0.4463,
0.4188

 39.9237, 0.4463,
0.4188


345.8019, 0.3801,
0.3781

 27.4791, 0.4615,
0.4267


 75.0473, 0.4230,
0.4055

 17.9333, 0.4798,
0.4351

 98.4951, 0.4140,
0.4000


 10.9021, 0.5016,
0.4432


 126.3793, 0.4062,
0.3952

 6.0011, 0.5356,
0.4560

 159.0845, 0.3996,
0.3909

 2.8457, 0.5543,
0.4457

 196.9949, 0.3938,
0.3872

 1.0517, 0.5787,
0.4213

240.4950, 0.3887,

 0.0000, 1.0000,

0.3838

0.0000

289.9692, 0.3841,
0.3808

0.0000, 0.0000,
0.0000

39.9237, 0.4463,
0.4188

39.9237, 0.4463,
0.4188

36.5719, 0.4704,
0.4266

43.6289, 0.4216,
0.4075

33.5517, 0.4927,
0.4296

47.6962, 0.3975,
0.3938

30.8463, 0.5117,
0.4273

52.1407, 0.3748,
0.3789

29.3013, 0.5221,
0.4237

56.9748, 0.3540,
0.3636

62.2104, 0.3352,
0.3486

■ 67.8582, 0.3185,
0.3342

■ 73.9291, 0.3037,
0.3206

■ 80.4329, 0.2907,
0.3081

■ 86.0112, 0.2901,
0.3163

Harmonies

Analogous

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



39.9237, 0.4616, 0.3645



39.9237, 0.4463, 0.4188



39.9237, 0.3949, 0.4596

Triad

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



39.9237, 0.4463, 0.4188



39.9237, 0.2052, 0.3337



39.9237, 0.2856, 0.2281

Complementary

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



39.9237, 0.4463, 0.4188



25.1733, 0.2090, 0.2096

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.



39.9237, 0.2252, 0.2149



39.9237, 0.4463, 0.4188



39.9237, 0.1836, 0.2653

Square

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



39.9237, 0.4463, 0.4188



39.9237, 0.2556, 0.4133



39.9237, 0.1906, 0.2259



39.9237, 0.3621, 0.2616

Rectangle

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



39.9237, 0.4463, 0.4188



39.9237, 0.3492, 0.4677



39.9237, 0.1906, 0.2259



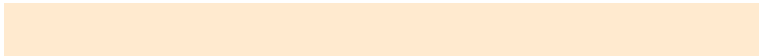
39.9237, 0.2629, 0.2213

Sweetspot

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



39.9257, 0.4463, 0.4188



84.6450, 0.3451, 0.3567



22.3631, 0.4247, 0.2611



17.6628, 0.3506, 0.3611



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.



39.9257, 0.4463, 0.4188



50.4327, 0.4795, 0.4284



64.2050, 0.3935, 0.4795



14.2742, 0.3277, 0.3423



17.7773, 0.5201, 0.4252



1.3217, 0.4993, 0.4418

Inverse Universe

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



25.1733, 0.2090, 0.2096



27.8905, 0.1904, 0.1788



12.7396, 0.1950, 0.1274



13.5364, 0.2982, 0.3153



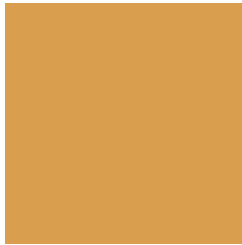
8.0382, 0.1713, 0.1365



0.6898, 0.1801, 0.1684

Previews

White Background



This preview shows how the Yxy color 39.9237, 0.4463, 0.4188 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 39.9237, 0.4463, 0.4188 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 39.9237, 0.4463, 0.4188

Background



This preview shows how black text looks on a background with the Yxy color 39.9237, 0.4463, 0.4188.



This preview shows how white text looks on a background with the Yxy color 39.9237, 0.4463, 0.4188.

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

39.9237, 0.4463, 0.4188

Protanopia

40.0654, 0.4042, 0.4416

Deuteranopia

40.0924, 0.4359, 0.4276



Tritanopia

39.8803, 0.3792, 0.3161

Trichromacy



Original Color

39.9237, 0.4463, 0.4188

Protanomaly

40.0237, 0.4189, 0.4331

Deuteranomaly

40.1859, 0.4397, 0.4252

Tritanomaly

39.6248, 0.4065, 0.3544

Monochromacy



Original Color

39.9237, 0.4463, 0.4188

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.7393, 0.3608, 0.3688

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9237, 0.4463, 0.4188 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(218, 158, 79)` looks like.

```
.text, #text, p{  
    color:rgb(218, 158, 79)  
}
```

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(218, 158, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 158, 79) }
```

Border

The CSS property to change the border of an element to Yxy 39.9237, 0.4463, 0.4188 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(218, 158, 79) }
```

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

```
.border{ border-color:rgb(218, 158, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 158, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 158, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 158, 79);  
box-shadow:4px 4px 4px 4px rgb(218, 158,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9237, 0.4463, 0.4188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 158, 79) }
```

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

```
.background{ background-color: rgb(218,  
158, 79) }
```

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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