

Converting Colors

$Y_{xy}(39.1856, 0.4411, 0.3913)$

Have a look what the booklet for
Yxy(39.1856, 0.4411, 0.3913)
contains.

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Color

Yxy(39.1856, 0.4411, 0.3913)

Conversions

Conversions Part 1

Format	Color
Hex	E09862
RGB	224, 152, 98
RGB Percent	88%, 60%, 38%
CMY	0.1216, 0.4039, 0.6158
CMYK	0.00, 0.32, 0.56, 0.12
HSL	26°, 67%, 63%
HSV	26°, 56%, 88%
XYZ	44.1727, 39.1856, 16.7838
YIQ	167.3720, 60.2460, -1.5300

Conversions

Conversions Part 2

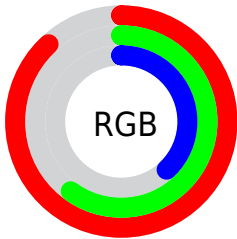
Format	Color
R _Y B	224, 193, 98
Decimal	14719074
CIE Lab	68.89, 21.41, 39.12
CIE LCh	69, 44.594, 61.309
Yxy	39.1856, 0.4411, 0.3913
Android (android.graphics.Color)	4292909154 (0xFFE09862)
YUV	167.3720, -34.2004, 49.6628
Hunter-Lab	62.5984, 16.4116, 27.9221

Details

The Yxy color **39.1856, 0.4411, 0.3913** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.7147, 0.2259, 0.2524**, and the grayscale version is **38.9827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0877, 0.3935, 0.3880**, and **17.5284, 0.4770, 0.4034** is the 20% darker color. If you saturate the color by 10%, you get **34.8897, 0.4719, 0.3987**, and if you desaturate by 10%, it is **44.0520, 0.4119, 0.3814**.

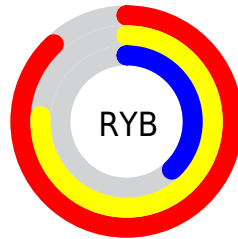
Distribution



Red (88%)

Green (60%)

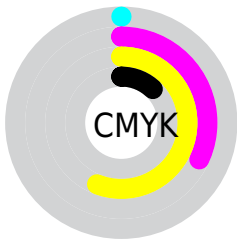
Blue (38%)



Red (88%)

Yellow (76%)

Blue (38%)

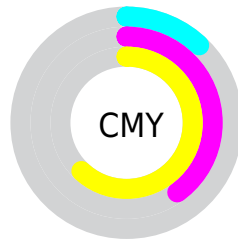


Cyan (0%)

Magenta (32%)

Yellow (56%)

Black (12%)



Cyan (12%)


Magenta (40%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1856, 0.4411, 0.3913 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 39.1856, 0.4411, 0.3913 by changing the saturation by 10% instead.


 39.1856, 0.4411,
0.3913


 39.1856, 0.4411,
0.3913

342.6789, 0.3757,
0.3634


 26.9041, 0.4571,
0.3966


 73.9218, 0.4174,
0.3823

 17.5012, 0.4771,
0.4024


 97.1453, 0.4085,
0.3785

 10.5925, 0.5026,
0.4078


 124.7849, 0.4009,
0.3752

 5.7935, 0.5356,
0.4113

 157.2251, 0.3944,
0.3723

 2.7199, 0.5863,
0.4137

194.8502, 0.3888,
0.3697

 0.9873, 0.6213,
0.3787

238.0446, 0.3839,

 0.0000, 1.0000,

0.3674

0.0000

287.1927, 0.3796,
0.3653

0.0000, 0.0000,
0.0000

39.1856, 0.4411,
0.3913

39.1856, 0.4411,
0.3913

34.8897, 0.4719,
0.3987

44.0520, 0.4119,
0.3814

31.1340, 0.5027,
0.4023

49.5055, 0.3852,
0.3701

27.8939, 0.5313,
0.4009

55.5691, 0.3614,
0.3584

25.1386, 0.5553,
0.3941

62.2627, 0.3407,
0.3467

24.2202, 0.5635,
0.3908

69.6052, 0.3227,
0.3356

■ 77.6146, 0.3072,
0.3252

■ 86.3082, 0.2939,
0.3155

■ 94.1909, 0.2940,
0.3283

■ 94.5875, 0.2940,
0.3289

Harmonies

Analogous

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



39.1856, 0.4369, 0.3415



39.1856, 0.4411, 0.3913



39.1856, 0.4083, 0.4331

Triad

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



39.1856, 0.4411, 0.3913



39.1856, 0.2336, 0.3629



39.1856, 0.2644, 0.2313

Complementary

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



39.1856, 0.4411, 0.3913



36.7147, 0.2259, 0.2524

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.



39.1856, 0.2190, 0.2285



39.1856, 0.4411, 0.3913



39.1856, 0.2024, 0.2962

Square

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



39.1856, 0.4411, 0.3913



39.1856, 0.2875, 0.4247



39.1856, 0.1978, 0.2494



39.1856, 0.3281, 0.2545

Rectangle

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



39.1856, 0.4411, 0.3913



39.1856, 0.3721, 0.4485



39.1856, 0.1978, 0.2494



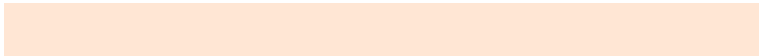
39.1856, 0.2468, 0.2280

Sweetspot

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



39.1876, 0.4411, 0.3913



82.7208, 0.3423, 0.3477



27.5370, 0.3799, 0.2461



17.3051, 0.3464, 0.3500



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.



39.1876, 0.4411, 0.3913



45.6211, 0.4789, 0.3999



64.5688, 0.3992, 0.4533



14.6620, 0.3281, 0.3391



14.3159, 0.5609, 0.3929



1.1674, 0.5339, 0.4143

Inverse Universe

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



36.7147, 0.2259, 0.2524



41.9042, 0.2102, 0.2321



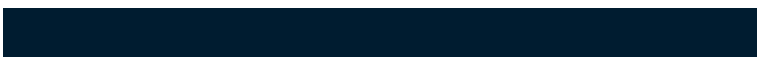
18.8030, 0.2068, 0.1627



14.5367, 0.2981, 0.3187



12.3457, 0.1841, 0.1827



1.0324, 0.1910, 0.2074

Previews

White Background



This preview shows how the Yxy color 39.1856, 0.4411, 0.3913 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 39.1856, 0.4411, 0.3913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

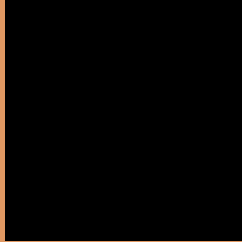
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.1856, 0.4411, 0.3913

Background



This preview shows how black text looks on a background with the Yxy color 39.1856, 0.4411, 0.3913.



This preview shows how white text looks on a background with the Yxy color 39.1856, 0.4411, 0.3913.

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

39.1856, 0.4411, 0.3913

Protanopia

39.1951, 0.3850, 0.4160

Deuteranopia

39.3134, 0.4175, 0.4100



Tritanopia

39.1451, 0.3889, 0.3164

Trichromacy



Original Color

39.1856, 0.4411, 0.3913

Protanomaly

38.9421, 0.4055, 0.4063

Deuteranomaly

39.3138, 0.4258, 0.4030

Tritanomaly

39.2600, 0.4093, 0.3446

Monochromacy



Original Color

39.1856, 0.4411, 0.3913

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.4850, 0.3568, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1856, 0.4411, 0.3913 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(224, 152, 98)` looks like.

```
.text, #text, p{  
    color:rgb(224, 152, 98)  
}
```

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(224, 152, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 152, 98) }
```

Border

The CSS property to change the border of an element to Yxy 39.1856, 0.4411, 0.3913 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(224, 152, 98) }
```

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

```
.border{ border-color:rgb(224, 152, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 152, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 152, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 152, 98);  
box-shadow:4px 4px 4px 4px rgb(224, 152,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1856, 0.4411, 0.3913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 152, 98) }
```

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

```
.background{ background-color: rgb(224,  
152, 98) }
```

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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