

Converting Colors

$Y_{xy}(40.3595, 0.4438, 0.3958)$

Have a look what the booklet for
Yxy(40.3595, 0.4438, 0.3958)
contains.

Yxy(40.2866, 0.4442, 0.3946)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.2866, 0.4442, 0.3946)

Conversions

Conversions Part 1

Format	Color
Hex	E39A60
RGB	227, 154, 96
RGB Percent	89%, 60%, 38%
CMY	0.1097, 0.3961, 0.6234
CMYK	0.00, 0.32, 0.58, 0.11
HSL	27°, 70%, 63%
HSV	27°, 58%, 89%
XYZ	45.3505, 40.2866, 16.4577
YIQ	169.2150, 62.1260, -2.5620

Conversions

Conversions Part 2

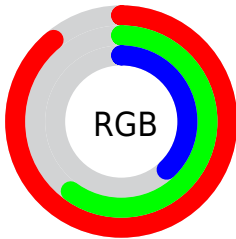
Format	Color
R _Y B	227, 200, 96
Decimal	14916192
CIE Lab	69.67, 21.43, 41.18
CIE LCh	70, 46.417, 62.509
Yxy	40.2866, 0.4442, 0.3946
Android (android.graphics.Color)	4293106272 (0xFFE39A60)
YUV	169.2150, -36.0950, 50.6774
Hunter-Lab	63.4717, 16.4626, 29.0568

Details

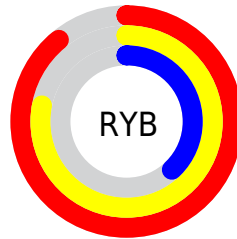
The Yxy color **40.2866, 0.4442, 0.3946** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.4282, 0.2233, 0.2473**, and the grayscale version is **39.9495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9990, 0.3941, 0.3919**, and **18.2306, 0.4800, 0.4068** is the 20% darker color. If you saturate the color by 10%, you get **35.9696, 0.4745, 0.4019**, and if you desaturate by 10%, it is **45.1688, 0.4151, 0.3846**.

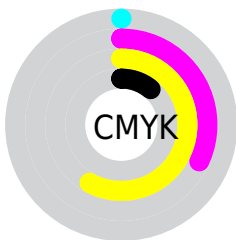
Distribution



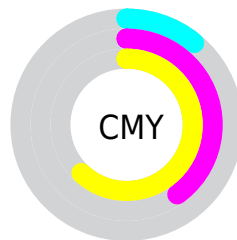
- Red (89%)
- Green (60%)
- Blue (38%)



- Red (89%)
- Yellow (78%)
- Blue (38%)



- Cyan (0%)
- Magenta (32%)
- Yellow (58%)
- Black (11%)





- Cyan (11%)
- Magenta (40%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2866, 0.4442, 0.3946 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 40.2866, 0.4442, 0.3946 by changing the saturation by 10% instead.

 40.2866, 0.4442,
0.3946


 40.2866, 0.4442,
0.3946


347.3301, 0.3777,
0.3655


 27.7621, 0.4602,
0.4001


 75.5997, 0.4203,
0.3852


 18.1464, 0.4802,
0.4059


 99.1571, 0.4112,
0.3813

 11.0551, 0.5053,
0.4113


 127.1610, 0.4035,
0.3779

 6.1039, 0.5376,
0.4149

 159.9956, 0.3969,
0.3748

 2.9084, 0.5843,
0.4157

198.0454, 0.3911,
0.3721

 1.0841, 0.6178,
0.3822

241.6948, 0.3861,

 0.0000, 1.0000,

0.3697

0.0000

291.3283, 0.3817,
0.3675

0.0000, 0.0000,
0.0000

40.2866, 0.4442,
0.3946

40.2866, 0.4442,
0.3946

35.9696, 0.4745,
0.4019

45.1688, 0.4151,
0.3846

32.1874, 0.5044,
0.4051

50.6326, 0.3884,
0.3731

28.9151, 0.5318,
0.4032

56.7009, 0.3645,
0.3610

26.1207, 0.5547,
0.3959

63.3935, 0.3434,
0.3490

25.5380, 0.5596,
0.3939

70.7292, 0.3251,
0.3374

■ 78.7257, 0.3093,
0.3266

■ 87.4003, 0.2956,
0.3165

■ 95.0737, 0.2958,
0.3290

Harmonies

Analogous

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



40.2866, 0.4417, 0.3435



40.2866, 0.4442, 0.3946



40.2866, 0.4089, 0.4374

Triad

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



40.2866, 0.4442, 0.3946



40.2866, 0.2294, 0.3610



40.2866, 0.2652, 0.2293

Complementary

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



40.2866, 0.4442, 0.3946



36.4282, 0.2233, 0.2473

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.



40.2866, 0.2178, 0.2254



40.2866, 0.4442, 0.3946



40.2866, 0.1987, 0.2926

Square

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



40.2866, 0.4442, 0.3946



40.2866, 0.2840, 0.4261



40.2866, 0.1951, 0.2456



40.2866, 0.3313, 0.2538

Rectangle

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



40.2866, 0.4442, 0.3946



40.2866, 0.3711, 0.4527



40.2866, 0.1951, 0.2456



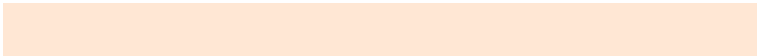
40.2866, 0.2469, 0.2256

Sweetspot

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



40.2886, 0.4442, 0.3946



83.0552, 0.3422, 0.3483



27.6158, 0.3853, 0.2466



17.3838, 0.3462, 0.3507



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.



40.2886, 0.4442, 0.3946



45.9113, 0.4798, 0.4028



67.4693, 0.3999, 0.4577



15.4125, 0.3281, 0.3394



15.1156, 0.5571, 0.3959



1.2997, 0.5320, 0.4158

Inverse Universe

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



36.4282, 0.2233, 0.2473



40.3811, 0.2082, 0.2270



18.0889, 0.2032, 0.1550



15.2131, 0.2981, 0.3183



12.2540, 0.1827, 0.1778



1.0901, 0.1894, 0.2018

Previews

White Background



This preview shows how the Yxy color 40.2866, 0.4442, 0.3946 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 40.2866, 0.4442, 0.3946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

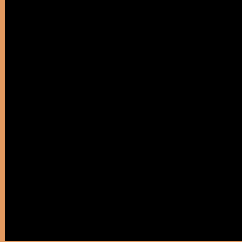
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2866, 0.4442, 0.3946

Background



This preview shows how black text looks on a background with the Yxy color 40.2866, 0.4442, 0.3946.



This preview shows how white text looks on a background with the Yxy color 40.2866, 0.4442, 0.3946.

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

40.2866, 0.4442, 0.3946

Protanopia

40.6499, 0.3879, 0.4210

Deuteranopia

40.4124, 0.4207, 0.4134



Tritanopia

40.4919, 0.3900, 0.3166

Trichromacy



Original Color

40.2866, 0.4442, 0.3946

Protanomaly

40.3869, 0.4083, 0.4111

Deuteranomaly

40.4149, 0.4289, 0.4064

Tritanomaly

40.3850, 0.4113, 0.3467

Monochromacy



Original Color

40.2866, 0.4442, 0.3946

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.4511, 0.3582, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2866, 0.4442, 0.3946 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(227, 154, 96)` looks like.

```
.text, #text, p{  
    color:rgb(227, 154, 96)  
}
```

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(227, 154, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 154, 96) }
```

Border

The CSS property to change the border of an element to Yxy 40.2866, 0.4442, 0.3946 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(227, 154, 96) }
```

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

```
.border{ border-color:rgb(227, 154, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 154, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 154, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 154, 96);  
box-shadow:4px 4px 4px 4px rgb(227, 154,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2866, 0.4442, 0.3946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 154, 96) }
```

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

```
.background{ background-color: rgb(227,  
154, 96) }
```

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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