

Converting Colors

$Y_{xy}(39.4289, 0.4457, 0.3948)$

Have a look what the booklet for
Yxy(39.4289, 0.4457, 0.3948)
contains.

| | |
|---|----|
| Yxy(39.4334, 0.4466, 0.3947) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(39.4334, 0.4466, 0.3947)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E2985E |
| RGB | 226, 152, 94 |
| RGB Percent | 89%, 60%, 37% |
| CMY | 0.1136, 0.4039, 0.6313 |
| CMYK | 0.00, 0.33, 0.58, 0.11 |
| HSL | 26°, 69%, 63% |
| HSV | 26°, 58%, 89% |
| XYZ | 44.6186, 39.4334, 15.8553 |
| YIQ | 167.5140, 62.7220, -2.3500 |

Conversions

Conversions Part 2

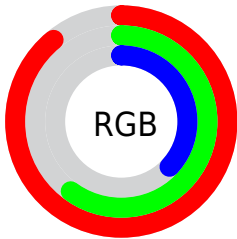
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 226, 197, 94 |
| Decimal | 14850142 |
| CIE Lab | 69.06, 21.94, 41.44 |
| CIE LCh | 69, 46.890, 62.104 |
| Yxy | 39.4334, 0.4466, 0.3947 |
| Android (android.graphics.Color) | 4293040222 (0xFFE2985E) |
| YUV | 167.5140, -36.2424, 51.2922 |
| Hunter-Lab | 62.7960, 16.9369, 28.9872 |

Details

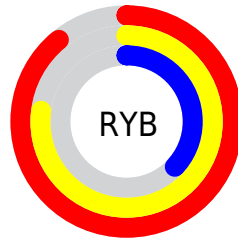
The Yxy color **39.4334, 0.4466, 0.3947** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **35.8983, 0.2225, 0.2468**, and the grayscale version is **39.0674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9610, 0.3965, 0.3920**, and **17.7123, 0.4835, 0.4066** is the 20% darker color. If you saturate the color by 10%, you get **35.1901, 0.4771, 0.4017**, and if you desaturate by 10%, it is **44.2392, 0.4173, 0.3850**.

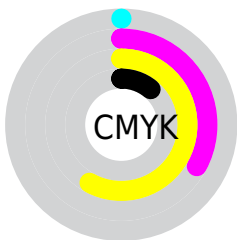
Distribution



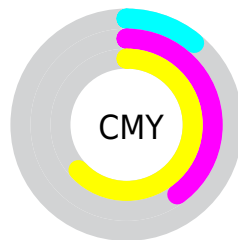
- Red (89%)
- Green (60%)
- Blue (37%)



- Red (89%)
- Yellow (77%)
- Blue (37%)



- Cyan (0%)
- Magenta (33%)
- Yellow (58%)
- Black (11%)




- Cyan (11%)
- Magenta (40%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4334, 0.4466, 0.3947 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 39.4334, 0.4466, 0.3947 by changing the saturation by 10% instead.


 39.4334, 0.4466,
0.3947


 39.4334, 0.4466,
0.3947


343.7296, 0.3787,
0.3656

 27.0971, 0.4630,
0.4001


 74.2999, 0.4221,
0.3854

 17.6461, 0.4834,
0.4058


 97.5989, 0.4129,
0.3815

 10.6962, 0.5091,
0.4109


 125.3209, 0.4050,
0.3780

 5.8630, 0.5429,
0.4143

 157.8503, 0.3982,
0.3750

 2.7619, 0.5880,
0.4120

195.5714, 0.3924,
0.3722

 1.0087, 0.6234,
0.3766

238.8688, 0.3873,

 0.0000, 1.0000,

0.3698

0.0000

288.1267, 0.3827,
0.3676

0.0000, 0.0000,
0.0000

39.4334, 0.4466,
0.3947

39.4334, 0.4466,
0.3947

35.1901, 0.4771,
0.4017

44.2392, 0.4173,
0.3850

31.4789, 0.5071,
0.4045

49.6242, 0.3903,
0.3736

28.2747, 0.5344,
0.4021

55.6114, 0.3661,
0.3616

25.5439, 0.5571,
0.3945

62.2206, 0.3448,
0.3497

25.1453, 0.5606,
0.3931

69.4707, 0.3263,
0.3382

■ 77.3796, 0.3103,
0.3273

■ 85.9645, 0.2965,
0.3172

■ 93.8971, 0.2952,
0.3274

■ 94.9122, 0.2952,
0.3289

Harmonies

Analogous

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



39.4334, 0.4436, 0.3428



39.4334, 0.4466, 0.3947



39.4334, 0.4110, 0.4385

Triad

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



39.4334, 0.4466, 0.3947



39.4334, 0.2286, 0.3625



39.4334, 0.2636, 0.2277

Complementary

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



39.4334, 0.4466, 0.3947



35.8983, 0.2225, 0.2468

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.



39.4334, 0.2159, 0.2239



39.4334, 0.4466, 0.3947



39.4334, 0.1972, 0.2926

Square

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



39.4334, 0.4466, 0.3947



39.4334, 0.2843, 0.4287



39.4334, 0.1933, 0.2447



39.4334, 0.3306, 0.2522

Rectangle

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



39.4334, 0.4466, 0.3947



39.4334, 0.3727, 0.4547



39.4334, 0.1933, 0.2447



39.4334, 0.2451, 0.2239

Sweetspot

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



39.4354, 0.4466, 0.3947



82.0498, 0.3442, 0.3494



27.0403, 0.3866, 0.2458



16.9973, 0.3502, 0.3528



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.



39.4354, 0.4466, 0.3947



45.1953, 0.4834, 0.4026



66.7208, 0.4007, 0.4589



14.6861, 0.3281, 0.3393



14.5701, 0.5579, 0.3952



1.1860, 0.5313, 0.4163

Inverse Universe

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



35.8983, 0.2225, 0.2468



40.0670, 0.2072, 0.2261



17.5392, 0.2018, 0.1527



14.5122, 0.2981, 0.3184



11.9955, 0.1831, 0.1791



1.0089, 0.1901, 0.2043

Previews

White Background



This preview shows how the Yxy color 39.4334, 0.4466, 0.3947 looks on a white background.

Color Contrast Check

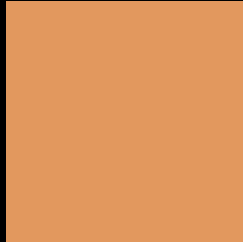
Large Text (above 18pt) WCAG AA × Fail

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 39.4334, 0.4466, 0.3947 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 39.4334, 0.4466, 0.3947

Background



This preview shows how black text looks on a background with the Yxy color 39.4334, 0.4466, 0.3947.



This preview shows how white text looks on a background with the Yxy color 39.4334, 0.4466, 0.3947.

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

39.4334, 0.4466, 0.3947

Protanopia

39.6103, 0.3887, 0.4219

Deuteranopia

39.5278, 0.4229, 0.4136



Tritanopia

39.6063, 0.3930, 0.3177

Trichromacy



Original Color

39.4334, 0.4466, 0.3947

Protanomaly

39.3556, 0.4094, 0.4118

Deuteranomaly

39.5402, 0.4312, 0.4066

Tritanomaly

39.5313, 0.4135, 0.3468

Monochromacy



Original Color

39.4334, 0.4466, 0.3947

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.5826, 0.3588, 0.3576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4334, 0.4466, 0.3947 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(226, 152, 94)` looks like.

```
.text, #text, p{  
    color:rgb(226, 152, 94)  
}
```

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(226, 152, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 152, 94) }
```

Border

The CSS property to change the border of an element to Yxy 39.4334, 0.4466, 0.3947 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(226, 152, 94) }
```

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

```
.border{ border-color:rgb(226, 152, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 152, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 152, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 152, 94);  
box-shadow:4px 4px 4px 4px rgb(226, 152,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4334, 0.4466, 0.3947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 152, 94) }
```

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

```
.background{ background-color: rgb(226,  
152, 94) }
```

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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