

Converting Colors

$Yxy(43.4863, 0.4365, 0.4043)$

Have a look what the booklet for
Yxy(43.4863, 0.4365, 0.4043)
contains.

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Color

Yxy(43.3883, 0.4365, 0.4035)

Conversions

Conversions Part 1

Format	Color
Hex	E3A361
RGB	227, 163, 97
RGB Percent	89%, 64%, 38%
CMY	0.1097, 0.3608, 0.6197
CMYK	0.00, 0.28, 0.57, 0.11
HSL	30°, 70%, 64%
HSV	30°, 57%, 89%
XYZ	46.9368, 43.3883, 17.2048
YIQ	174.6120, 59.3300, -6.9580

Conversions

Conversions Part 2

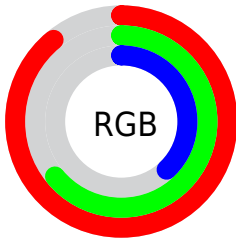
Format	Color
R _Y B	223, 227, 97
Decimal	14918497
CIE Lab	71.82, 16.69, 43.28
CIE LCh	72, 46.390, 68.919
Yxy	43.3883, 0.4365, 0.4035
Android (android.graphics.Color)	4293108577 (0xFFE3A361)
YUV	174.6120, -38.2627, 45.9443
Hunter-Lab	65.8698, 11.9215, 30.6227

Details

The Yxy color **43.3883, 0.4365, 0.4035** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.5765, 0.2211, 0.2354**, and the grayscale version is **42.8377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5727, 0.3895, 0.3995**, and **19.9071, 0.4686, 0.4170** is the 20% darker color. If you saturate the color by 10%, you get **39.2309, 0.4639, 0.4124**, and if you desaturate by 10%, it is **48.0219, 0.4099, 0.3919**.

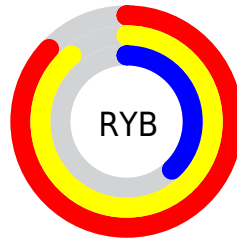
Distribution



Red (89%)

Green (64%)

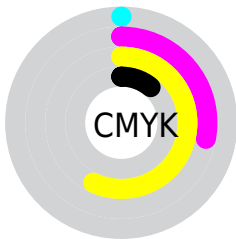
Blue (38%)



Red (87%)

Yellow (89%)

Blue (38%)

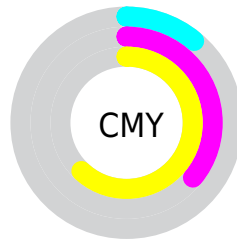


Cyan (0%)

Magenta (28%)

Yellow (57%)

Black (11%)



Cyan (11%)


Magenta (36%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3883, 0.4365, 0.4035 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 43.3883, 0.4365, 0.4035 by changing the saturation by 10% instead.

 43.3883, 0.4365,
0.4035


 43.3883, 0.4365,
0.4035

360.2062, 0.3750,
0.3699

 30.1899, 0.4510,
0.4102


 80.2965, 0.4146,
0.3924

 19.9828, 0.4688,
0.4176


 104.7751, 0.4063,
0.3879

 12.3825, 0.4909,
0.4252


 133.7825, 0.3991,
0.3840

 7.0048, 0.5183,
0.4318

 167.7032, 0.3929,
0.3805

 3.4651, 0.5601,
0.4399

206.9215, 0.3876,
0.3774

 1.3791, 0.5842,
0.4158

251.8218, 0.3829,

 0.2012, 0.7484,

0.3746

0.2516

302.7886, 0.3787,
0.3721

0.0000, 0.0000,
0.0000

43.3883, 0.4365,
0.4035

43.3883, 0.4365,
0.4035

39.2309, 0.4639,
0.4124

48.0219, 0.4099,
0.3919

35.5235, 0.4905,
0.4172

53.1434, 0.3850,
0.3787

32.2465, 0.5148,
0.4169

58.7718, 0.3623,
0.3650

29.3735, 0.5352,
0.4112

64.9229, 0.3421,
0.3513

28.6535, 0.5404,
0.4091

71.6118, 0.3243,
0.3381

■ 78.8529, 0.3087,
0.3257

■ 86.6022, 0.2956,
0.3150

■ 93.4317, 0.2958,
0.3264

■ 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.



43.3883, 0.4426, 0.3543



43.3883, 0.4365, 0.4035



43.3883, 0.3959, 0.4412

Triad

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



43.3883, 0.4365, 0.4035



43.3883, 0.2228, 0.3452



43.3883, 0.2790, 0.2350

Complementary

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



43.3883, 0.4365, 0.4035



33.5765, 0.2211, 0.2354

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.



43.3883, 0.2279, 0.2266



43.3883, 0.4365, 0.4035



43.3883, 0.1982, 0.2817

Square

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



43.3883, 0.4365, 0.4035



43.3883, 0.2720, 0.4120



43.3883, 0.2003, 0.2412



43.3883, 0.3456, 0.2628

Rectangle

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



43.3883, 0.4365, 0.4035



43.3883, 0.3568, 0.4508



43.3883, 0.2003, 0.2412



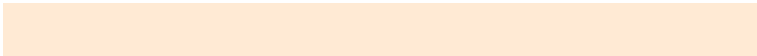
43.3883, 0.2597, 0.2299

Sweetspot

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



43.3904, 0.4365, 0.4035



84.6472, 0.3418, 0.3511



27.4880, 0.3962, 0.2564



17.7590, 0.3457, 0.3538



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.



43.3904, 0.4365, 0.4035



49.9704, 0.4697, 0.4138



72.1442, 0.3944, 0.4641



15.5715, 0.3280, 0.3410



16.9421, 0.5381, 0.4109



1.4378, 0.5161, 0.4284

Inverse Universe

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



33.5765, 0.2211, 0.2354



36.0376, 0.2043, 0.2112



16.6329, 0.2017, 0.1454



15.0530, 0.2981, 0.3168



10.1937, 0.1766, 0.1556



0.9389, 0.1840, 0.1823

Previews

White Background



This preview shows how the Yxy color 43.3883, 0.4365, 0.4035 looks on a white background.

Color Contrast Check

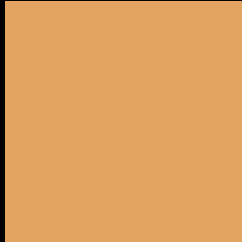
Large Text (above 18pt) WCAG AA × Fail

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 43.3883, 0.4365, 0.4035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

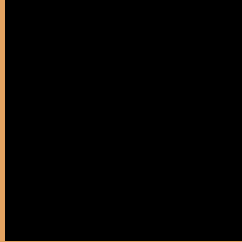
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3883, 0.4365, 0.4035

Background



This preview shows how black text looks on a background with the Yxy color 43.3883, 0.4365, 0.4035.



This preview shows how white text looks on a background with the Yxy color 43.3883, 0.4365, 0.4035.

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

43.3883, 0.4365, 0.4035

Protanopia

43.3474, 0.3910, 0.4246

Deuteranopia

43.4487, 0.4232, 0.4138



Tritanopia

43.3517, 0.3789, 0.3166

Trichromacy



Original Color

43.3883, 0.4365, 0.4035

Protanomaly

43.0251, 0.4073, 0.4169

Deuteranomaly

43.3326, 0.4285, 0.4102

Tritanomaly

43.1998, 0.4012, 0.3490

Monochromacy



Original Color

43.3883, 0.4365, 0.4035

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.7017, 0.3554, 0.3606

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3883, 0.4365, 0.4035 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, 163, 97)` looks like.

```
.text, #text, p{  
    color:rgb(227, 163, 97)  
}
```

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, 163, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 163, 97) }
```

Border

The CSS property to change the border of an element to Yxy 43.3883, 0.4365, 0.4035 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, 163, 97) }
```

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

```
.border{ border-color:rgb(227, 163, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 163, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 163, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 163, 97);  
box-shadow:4px 4px 4px 4px rgb(227, 163,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3883, 0.4365, 0.4035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 163, 97) }
```

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

```
.background{ background-color: rgb(227,  
163, 97) }
```

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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