

Converting Colors

$Y_{xy}(40.1780, 0.4367, 0.3842)$

Have a look what the booklet for
Yxy(40.1780, 0.4367, 0.3842)
contains.

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Color

Yxy(40.1333, 0.4367, 0.3842)

Conversions

Conversions Part 1

Format	Color
Hex	E39969
RGB	227, 153, 105
RGB Percent	89%, 60%, 41%
CMY	0.1098, 0.4000, 0.5882
CMYK	0.00, 0.33, 0.54, 0.11
HSL	24°, 69%, 65%
HSV	24°, 54%, 89%
XYZ	45.6174, 40.1333, 18.7087
YIQ	169.6540, 59.5120, 0.7600

Conversions

Conversions Part 2

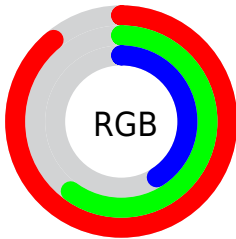
Format	Color
R _Y B	227, 184, 105
Decimal	14915945
CIE Lab	69.56, 22.66, 36.34
CIE LCh	70, 42.823, 58.052
Yxy	40.1333, 0.4367, 0.3842
Android (android.graphics.Color)	4293106025 (0xFFE39969)
YUV	169.6540, -31.8744, 50.2924
Hunter-Lab	63.3508, 17.6696, 26.8362

Details

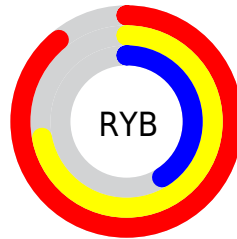
The Yxy color **40.1333, 0.4367, 0.3842** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **40.7840, 0.2307, 0.2627**, and the grayscale version is **40.1580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8061, 0.3878, 0.3819**, and **18.1131, 0.4717, 0.3953** is the 20% darker color. If you saturate the color by 10%, you get **35.4792, 0.4688, 0.3916**, and if you desaturate by 10%, it is **45.4359, 0.4068, 0.3747**.

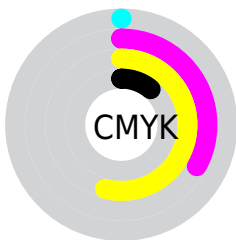
Distribution



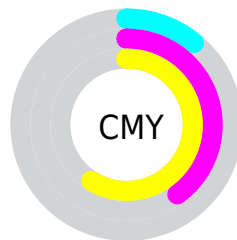
- Red (89%)
- Green (60%)
- Blue (41%)



- Red (89%)
- Yellow (72%)
- Blue (41%)



- Cyan (0%)
- Magenta (33%)
- Yellow (54%)
- Black (11%)





- Cyan (11%)
- Magenta (40%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1333, 0.4367, 0.3842 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 40.1333, 0.4367, 0.3842 by changing the saturation by 10% instead.


 40.1333, 0.4367,
0.3842


 40.1333, 0.4367,
0.3842

346.6851, 0.3735,
0.3597


 27.6425, 0.4523,
0.3889


 75.3665, 0.4137,
0.3762


 18.0563, 0.4720,
0.3940


 98.8776, 0.4051,
0.3729

 10.9904, 0.4972,
0.3989


 126.8310, 0.3978,
0.3700

 6.0604, 0.5301,
0.4019

 159.6110, 0.3915,
0.3675

 2.8818, 0.5897,
0.4103

197.6020, 0.3861,
0.3652

 1.0704, 0.6249,
0.3751

241.1884, 0.3814,

 0.0000, 1.0000,

0.3632

0.0000

290.7546, 0.3772,
0.3613

■ 0.0000, 0.0000,
0.0000

■ 40.1333, 0.4367,
0.3842

■ 40.1333, 0.4367,
0.3842

■ 35.4792, 0.4688,
0.3916

■ 45.4359, 0.4068,
0.3747

■ 31.4399, 0.5016,
0.3955

■ 51.4067, 0.3800,
0.3641

■ 27.9871, 0.5326,
0.3947

■ 58.0720, 0.3564,
0.3533

■ 25.0866, 0.5594,
0.3885

■ 65.4547, 0.3361,
0.3427

■ 23.5283, 0.5737,
0.3827

■ 73.5764, 0.3186,
0.3326

■ 82.4580, 0.3036,
0.3232

■ 91.5326, 0.2957,
0.3233

■ 95.0691, 0.2958,
0.3290

Harmonies

Analogous

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



40.1333, 0.4282, 0.3362



40.1333, 0.4367, 0.3842



40.1333, 0.4090, 0.4253

Triad

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



40.1333, 0.4367, 0.3842



40.1333, 0.2419, 0.3685



40.1333, 0.2609, 0.2340

Complementary

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



40.1333, 0.4367, 0.3842



40.7840, 0.2307, 0.2627

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.



40.1333, 0.2196, 0.2338



40.1333, 0.4367, 0.3842



40.1333, 0.2092, 0.3044

Square

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



40.1333, 0.4367, 0.3842



40.1333, 0.2955, 0.4244



40.1333, 0.2018, 0.2568



40.1333, 0.3205, 0.2544

Rectangle

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



40.1333, 0.4367, 0.3842



40.1333, 0.3760, 0.4415



40.1333, 0.2018, 0.2568



40.1333, 0.2447, 0.2315

Sweetspot

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



40.1353, 0.4367, 0.3842



82.8614, 0.3406, 0.3452



29.7387, 0.3706, 0.2450



17.3028, 0.3447, 0.3473



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.



40.1353, 0.4367, 0.3842



45.8140, 0.4710, 0.3919



64.8161, 0.3981, 0.4452



15.2937, 0.3283, 0.3383



13.9352, 0.5710, 0.3848



1.2066, 0.5442, 0.4061

Inverse Universe

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



40.7840, 0.2307, 0.2627



46.6492, 0.2169, 0.2467



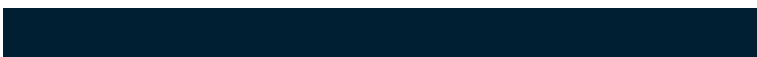
21.8000, 0.2129, 0.1764



15.3344, 0.2981, 0.3195



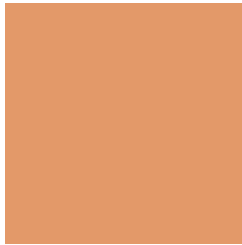
14.0136, 0.1875, 0.1950



1.2153, 0.1935, 0.2166

Previews

White Background



This preview shows how the Yxy color 40.1333, 0.4367, 0.3842 looks on a white background.

Color Contrast Check

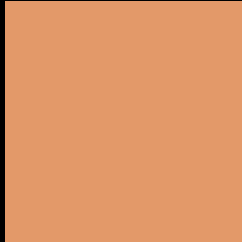
Large Text (above 18pt) WCAG AA × Fail

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 40.1333, 0.4367, 0.3842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

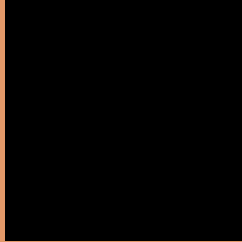
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1333, 0.4367, 0.3842

Background



This preview shows how black text looks on a background with the Yxy color 40.1333, 0.4367, 0.3842.



This preview shows how white text looks on a background with the Yxy color 40.1333, 0.4367, 0.3842.

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

40.1333, 0.4367, 0.3842

Protanopia

40.2336, 0.3781, 0.4078

Deuteranopia

40.2955, 0.4110, 0.4040



Tritanopia

39.9810, 0.3904, 0.3165

Trichromacy



Original Color

40.1333, 0.4367, 0.3842

Protanomaly

39.9344, 0.3991, 0.3999

Deuteranomaly

40.0919, 0.4208, 0.3957

Tritanomaly

40.1529, 0.4086, 0.3421

Monochromacy



Original Color

40.1333, 0.4367, 0.3842

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.7026, 0.3554, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1333, 0.4367, 0.3842 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, 153, 105)` looks like.

```
.text, #text, p{  
    color:rgb(227, 153, 105)  
}
```

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, 153, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 153, 105) }
```

Border

The CSS property to change the border of an element to Yxy 40.1333, 0.4367, 0.3842 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, 153, 105) }
```

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

```
.border{ border-color:rgb(227, 153, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 153, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 153, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 153, 105);  
box-shadow:4px 4px 4px 4px rgb(227, 153,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1333, 0.4367, 0.3842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 153, 105) }
```

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

```
.background{ background-color: rgb(227,  
153, 105) }
```

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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