

Converting Colors

$Y_{xy}(38.7150, 0.4289, 0.3675)$

Have a look what the booklet for
Yxy(38.7150, 0.4289, 0.3675)
contains.

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Color

Yxy(38.5864, 0.4293, 0.3677)

Conversions

Conversions Part 1

Format	Color
Hex	E29473
RGB	226, 148, 115
RGB Percent	89%, 58%, 45%
CMY	0.1137, 0.4196, 0.5489
CMYK	0.00, 0.35, 0.49, 0.11
HSL	18°, 66%, 67%
HSV	18°, 49%, 89%
XYZ	45.0507, 38.5864, 21.3028
YIQ	167.5600, 57.0810, 6.2730

Conversions

Conversions Part 2

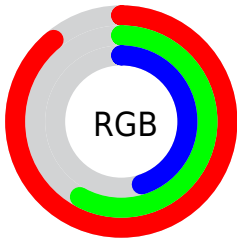
Format	Color
R_{YB}	226, 162, 115
Decimal	14849139
CIE _{Lab}	68.45, 25.83, 29.50
CIE _{LCh}	68, 39.211, 48.790
Yxy	38.5864, 0.4293, 0.3677
Android (android.graphics.Color)	4293039219 (0xFFE29473)
YUV	167.5600, -25.9121, 51.2519
Hunter-Lab	62.1180, 20.7497, 23.1496

Details

The Yxy color **38.5864, 0.4293, 0.3677** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **47.2933, 0.2400, 0.2846**, and the grayscale version is **39.0416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7619, 0.3820, 0.3666**, and **17.2676, 0.4650, 0.3751** is the 20% darker color. If you saturate the color by 10%, you get **33.4837, 0.4643, 0.3739**, and if you desaturate by 10%, it is **44.5045, 0.3979, 0.3601**.

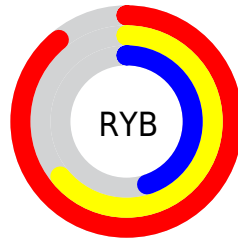
Distribution



Red (89%)

Green (58%)

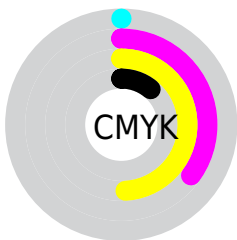
Blue (45%)



Red (89%)

Yellow (64%)

Blue (45%)

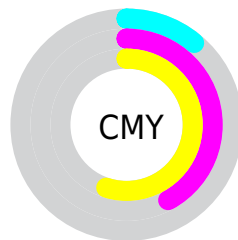


Cyan (0%)

Magenta (35%)

Yellow (49%)

Black (11%)



Cyan (11%)


Magenta (42%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5864, 0.4293, 0.3677 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 38.5864, 0.4293, 0.3677 by changing the saturation by 10% instead.


 38.5864, 0.4293,
0.3677


 38.5864, 0.4293,
0.3677


340.1288, 0.3690,
0.3508

 26.4381, 0.4447,
0.3709


 73.0061, 0.4071,
0.3623


 17.1517, 0.4644,
0.3742


 96.0462, 0.3988,
0.3600

 10.3427, 0.4904,
0.3772


 123.4858, 0.3918,
0.3580

 5.6268, 0.5257,
0.3784

 155.7092, 0.3859,
0.3562

 2.6195, 0.5916,
0.3847

193.1008, 0.3808,
0.3546

 0.9365, 0.6472,
0.3528

236.0450, 0.3763,

 0.0000, 1.0000,

0.3532


0.0000

284.9262, 0.3724,
0.3519


 0.0000, 0.0000,
0.0000


 38.5864, 0.4293,
0.3677


 38.5864, 0.4293,
0.3677

 33.4837, 0.4643,
0.3739


 44.5045, 0.3979,
0.3601


 29.1533, 0.5015,
0.3774


 51.2668, 0.3707,
0.3519


 25.5570, 0.5383,
0.3772

 58.9077, 0.3475,
0.3437

 22.6500, 0.5711,
0.3723

 67.4580, 0.3278,
0.3358

 20.3776, 0.5969,
0.3633

 76.9469, 0.3113,
0.3284

■ 20.2008, 0.5991,
0.3625

■ 87.4023, 0.2975,
0.3215

■ 94.9092, 0.2952,
0.3289

Harmonies

Analogous

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



38.5864, 0.4101, 0.3224



38.5864, 0.4293, 0.3677



38.5864, 0.4136, 0.4090

Triad

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



38.5864, 0.4293, 0.3677



38.5864, 0.2608, 0.3837



38.5864, 0.2504, 0.2378

Complementary

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



38.5864, 0.4293, 0.3677



47.2933, 0.2400, 0.2846

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.



38.5864, 0.2180, 0.2444



38.5864, 0.4293, 0.3677



38.5864, 0.2231, 0.3241

Square

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



38.5864, 0.4293, 0.3677



38.5864, 0.3147, 0.4267



38.5864, 0.2085, 0.2735



38.5864, 0.3018, 0.2514

Rectangle

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



38.5864, 0.4293, 0.3677



38.5864, 0.3873, 0.4283



38.5864, 0.2085, 0.2735



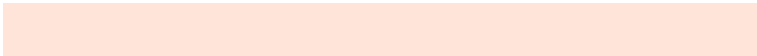
38.5864, 0.2372, 0.2376

Sweetspot

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



38.5883, 0.4293, 0.3677



81.8063, 0.3392, 0.3405



32.3586, 0.3509, 0.2401



17.0107, 0.3435, 0.3422



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.



38.5883, 0.4293, 0.3677



43.8443, 0.4654, 0.3740



59.6299, 0.3969, 0.4259



14.3609, 0.3285, 0.3360



11.7048, 0.5963, 0.3648



0.9642, 0.5658, 0.3889

Inverse Universe

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



47.2933, 0.2400, 0.2846



56.4383, 0.2274, 0.2734



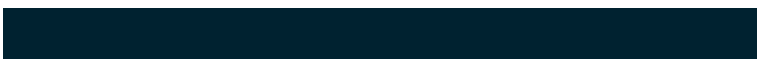
27.6257, 0.2253, 0.2071



14.8487, 0.2982, 0.3219



17.4667, 0.1971, 0.2295



1.3644, 0.2019, 0.2467

Previews

White Background



This preview shows how the Yxy color 38.5864, 0.4293, 0.3677 looks on a white background.

Color Contrast Check

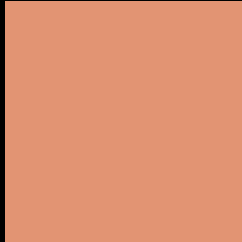
Large Text (above 18pt) WCAG AA × Fail

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 38.5864, 0.4293, 0.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

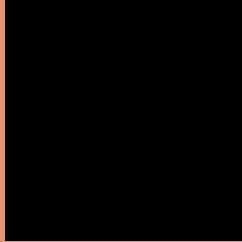
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5864, 0.4293, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 38.5864, 0.4293, 0.3677.



This preview shows how white text looks on a background with the Yxy color 38.5864, 0.4293, 0.3677.

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

38.5864, 0.4293, 0.3677

Protanopia

38.7708, 0.3647, 0.3904

Deuteranopia

38.6132, 0.3977, 0.3901



Tritanopia

38.6028, 0.3939, 0.3176

Trichromacy



Original Color

38.5864, 0.4293, 0.3677

Protanomaly

38.3680, 0.3880, 0.3819

Deuteranomaly

38.5471, 0.4083, 0.3818

Tritanomaly

38.6089, 0.4075, 0.3363

Monochromacy



Original Color

38.5864, 0.4293, 0.3677

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.4785, 0.3514, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5864, 0.4293, 0.3677 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, 148, 115)` looks like.

```
.text, #text, p{  
    color:rgb(226, 148, 115)  
}
```

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, 148, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 148, 115) }
```

Border

The CSS property to change the border of an element to Yxy 38.5864, 0.4293, 0.3677 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, 148, 115) }
```

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

```
.border{ border-color:rgb(226, 148, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 148, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 148, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 148, 115);  
box-shadow:4px 4px 4px 4px rgb(226, 148,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5864, 0.4293, 0.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 148, 115) }
```

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

```
.background{ background-color: rgb(226,  
148, 115) }
```

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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