

Converting Colors

$Yxy(38.6409, 0.4274, 0.3633)$

Have a look what the booklet for
Yxy(38.6409, 0.4274, 0.3633)
contains.

Yxy(38.5063, 0.4279, 0.3630)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.5063, 0.4279, 0.3630)

Conversions

Conversions Part 1

Format	Color
Hex	E39376
RGB	227, 147, 118
RGB Percent	89%, 58%, 46%
CMY	0.1097, 0.4236, 0.5372
CMYK	0.00, 0.35, 0.48, 0.11
HSL	16°, 66%, 68%
HSV	16°, 48%, 89%
XYZ	45.3908, 38.5063, 22.1809
YIQ	167.6140, 56.9890, 7.9410

Conversions

Conversions Part 2

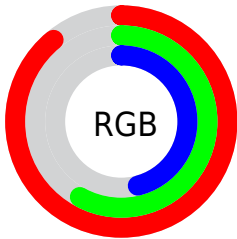
Format	Color
R _Y B	227, 158, 118
Decimal	14914422
CIE Lab	68.39, 27.06, 27.82
CIE LCh	68, 38.815, 45.793
Yxy	38.5063, 0.4279, 0.3630
Android (android.graphics.Color)	4293104502 (0xFFE39376)
YUV	167.6140, -24.4597, 52.0815
Hunter-Lab	62.0534, 21.9754, 22.2443

Details

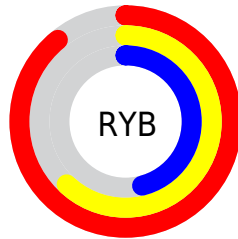
The Yxy color **38.5063, 0.4279, 0.3630** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **49.8125, 0.2423, 0.2905**, and the grayscale version is **39.0611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4033, 0.3800, 0.3625**, and **17.2304, 0.4633, 0.3692** is the 20% darker color. If you saturate the color by 10%, you get **33.2185, 0.4638, 0.3686**, and if you desaturate by 10%, it is **44.6789, 0.3961, 0.3561**.

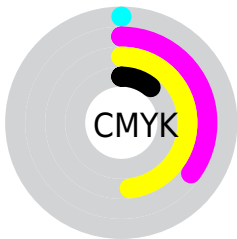
Distribution



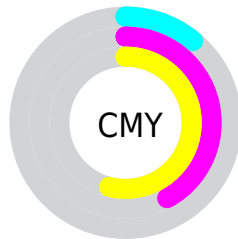
- Red (89%)
- Green (58%)
- Blue (46%)



- Red (89%)
- Yellow (62%)
- Blue (46%)



- Cyan (0%)
- Magenta (35%)
- Yellow (48%)
- Black (11%)





- Cyan (11%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5063, 0.4279, 0.3630 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 38.5063, 0.4279, 0.3630 by changing the saturation by 10% instead.


 38.5063, 0.4279,
0.3630


 38.5063, 0.4279,
0.3630


339.7869, 0.3682,
0.3484


 26.3759, 0.4432,
0.3657


 72.8835, 0.4059,
0.3584

 17.1050, 0.4628,
0.3684


 95.8991, 0.3977,
0.3564

 10.3094, 0.4889,
0.3707


 123.3118, 0.3908,
0.3547

 5.6046, 0.5246,
0.3712

155.5061, 0.3849,
0.3531

 2.6062, 0.5874,
0.3737

192.8664, 0.3799,
0.3517

 0.9298, 0.6539,
0.3461

235.7770, 0.3755,

 0.0000, 1.0000,

0.3505

0.0000

284.6224, 0.3716,
0.3494

0.0000, 0.0000,
0.0000

38.5063, 0.4279,
0.3630

38.5063, 0.4279,
0.3630

33.2185, 0.4638,
0.3686

44.6789, 0.3961,
0.3561

28.7682, 0.5023,
0.3719

51.7694, 0.3686,
0.3487

25.1120, 0.5407,
0.3716

59.8160, 0.3454,
0.3414

22.1999, 0.5751,
0.3671

68.8531, 0.3260,
0.3343

19.9733, 0.6017,
0.3585

78.9132, 0.3097,
0.3277

■ 19.6051, 0.6064,
0.3567

■ 90.0276, 0.2961,
0.3217

■ 95.0766, 0.2958,
0.3290

Harmonies

Analogous

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



38.5063, 0.4055, 0.3182



38.5063, 0.4279, 0.3630



38.5063, 0.4157, 0.4047

Triad

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



38.5063, 0.4279, 0.3630



38.5063, 0.2661, 0.3886



38.5063, 0.2468, 0.2383

Complementary

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



38.5063, 0.4279, 0.3630



49.8125, 0.2423, 0.2905

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.



38.5063, 0.2168, 0.2470



38.5063, 0.4279, 0.3630



38.5063, 0.2266, 0.3300

Square

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



38.5063, 0.4279, 0.3630



38.5063, 0.3205, 0.4281



38.5063, 0.2097, 0.2782



38.5063, 0.2963, 0.2499

Rectangle

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



38.5063, 0.4279, 0.3630



38.5063, 0.3912, 0.4252



38.5063, 0.2097, 0.2782



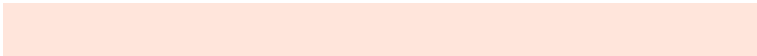
38.5063, 0.2344, 0.2388

Sweetspot

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



38.5082, 0.4279, 0.3630



82.3126, 0.3374, 0.3386



33.4545, 0.3459, 0.2382



17.0848, 0.3418, 0.3401



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.



38.5082, 0.4279, 0.3630



43.0093, 0.4651, 0.3688



58.8504, 0.3969, 0.4204



14.9879, 0.3286, 0.3353



11.5933, 0.6038, 0.3588



1.0061, 0.5751, 0.3816

Inverse Universe

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



49.8125, 0.2423, 0.2905



59.3029, 0.2299, 0.2805



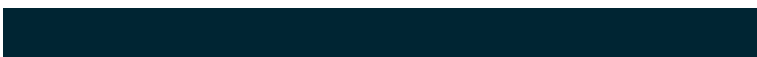
29.7311, 0.2283, 0.2154



15.6541, 0.2981, 0.3226



19.4810, 0.2002, 0.2406



1.5899, 0.2042, 0.2550

Previews

White Background



This preview shows how the Yxy color 38.5063, 0.4279, 0.3630 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 38.5063, 0.4279, 0.3630 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 38.5063, 0.4279, 0.3630

Background



This preview shows how black text looks on a background with the Yxy color 38.5063, 0.4279, 0.3630.



This preview shows how white text looks on a background with the Yxy color 38.5063, 0.4279, 0.3630.

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

38.5063, 0.4279, 0.3630

Protanopia

38.7534, 0.3601, 0.3851

Deuteranopia

38.6819, 0.3949, 0.3863



Tritanopia

38.4689, 0.3953, 0.3165

Trichromacy



Original Color

38.5063, 0.4279, 0.3630

Protanomaly

38.3326, 0.3831, 0.3768

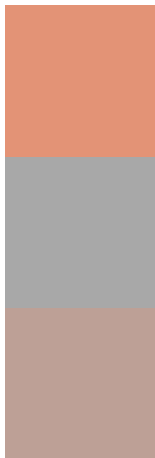
Deuteranomaly

38.4287, 0.4070, 0.3768

Tritanomaly

38.4980, 0.4079, 0.3339

Monochromacy



Original Color

38.5063, 0.4279, 0.3630

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.1624, 0.3507, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5063, 0.4279, 0.3630 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, 147, 118)` looks like.

```
.text, #text, p{  
    color:rgb(227, 147, 118)  
}
```

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, 147, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 147, 118) }
```

Border

The CSS property to change the border of an element to Yxy 38.5063, 0.4279, 0.3630 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, 147, 118) }
```

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

```
.border{ border-color:rgb(227, 147, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 147, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 147, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 147, 118);  
box-shadow:4px 4px 4px 4px rgb(227, 147,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5063, 0.4279, 0.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 147, 118) }
```

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

```
.background{ background-color: rgb(227,  
147, 118) }
```

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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