

Converting Colors

$Yxy(38.0971, 0.4373, 0.3777)$

Have a look what the booklet for
Yxy(38.0971, 0.4373, 0.3777)
contains.

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Color

Yxy(38.2280, 0.4374, 0.3779)

Conversions

Conversions Part 1

Format	Color
Hex	E1946A
RGB	225, 148, 106
RGB Percent	88%, 58%, 42%
CMY	0.1176, 0.4196, 0.5843
CMYK	0.00, 0.34, 0.53, 0.12
HSL	21°, 66%, 65%
HSV	21°, 53%, 88%
XYZ	44.2470, 38.2280, 18.6841
YIQ	166.2350, 59.3740, 3.2620

Conversions

Conversions Part 2

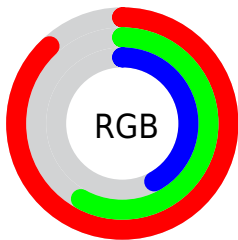
Format	Color
R _Y B	225, 171, 106
Decimal	14783594
CIE Lab	68.19, 24.63, 34.01
CIE LCh	68, 41.995, 54.089
Yxy	38.2280, 0.4374, 0.3779
Android (android.graphics.Color)	4292973674 (0xFFE1946A)
YUV	166.2350, -29.6959, 51.5369
Hunter-Lab	61.8288, 19.5408, 25.3633

Details

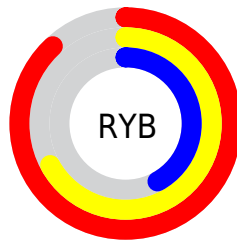
The Yxy color **38.2280, 0.4374, 0.3779** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.3800, 0.2333, 0.2710**, and the grayscale version is **38.3792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.9697, 0.3895, 0.3749**, and **16.9619, 0.4729, 0.3863** is the 20% darker color. If you saturate the color by 10%, you get **33.5369, 0.4711, 0.3845**, and if you desaturate by 10%, it is **43.6205, 0.4064, 0.3693**.

Distribution



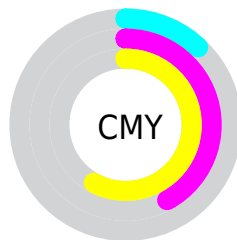
- Red (88%)
- Green (58%)
- Blue (42%)



- Red (88%)
- Yellow (67%)
- Blue (42%)



- Cyan (0%)
- Magenta (34%)
- Yellow (53%)
- Black (12%)





- Cyan (12%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2280, 0.4374, 0.3779 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 38.2280, 0.4374, 0.3779 by changing the saturation by 10% instead.


 38.2280, 0.4374,
0.3779


 38.2280, 0.4374,
0.3779


338.5970, 0.3731,
0.3563


 26.1597, 0.4535,
0.3819


 72.4575, 0.4139,
0.3710


 16.9431, 0.4741,
0.3862


 95.3874, 0.4050,
0.3681

 10.1940, 0.5008,
0.3900


 122.7067, 0.3976,
0.3655

 5.5278, 0.5361,
0.3916

 154.7997, 0.3913,
0.3633

 2.5601, 0.6018,
0.3982

192.0509, 0.3858,
0.3612

 0.9067, 0.6423,
0.3577

234.8445, 0.3810,

 0.0000, 1.0000,

0.3594

0.0000

283.5651, 0.3768,
0.3578

0.0000, 0.0000,
0.0000

38.2280, 0.4374,
0.3779

38.2280, 0.4374,
0.3779

33.5369, 0.4711,
0.3845

43.6205, 0.4064,
0.3693

29.5104, 0.5058,
0.3879

49.7375, 0.3790,
0.3598

26.1165, 0.5391,
0.3868

56.6082, 0.3551,
0.3500

23.3174, 0.5678,
0.3806

64.2581, 0.3346,
0.3405

21.6588, 0.5848,
0.3739

72.7117, 0.3172,
0.3315

■ 81.9921, 0.3025,
0.3231

■ 91.5608, 0.2945,
0.3239

■ 94.7502, 0.2946,
0.3289

Harmonies

Analogous

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



38.2280, 0.4238, 0.3299



38.2280, 0.4374, 0.3779



38.2280, 0.4141, 0.4205

Triad

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



38.2280, 0.4374, 0.3779



38.2280, 0.2482, 0.3769



38.2280, 0.2544, 0.2330

Complementary

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



38.2280, 0.4374, 0.3779



42.3800, 0.2333, 0.2710

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.



38.2280, 0.2161, 0.2357



38.2280, 0.4374, 0.3779



38.2280, 0.2124, 0.3123

Square

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



38.2280, 0.4374, 0.3779



38.2280, 0.3035, 0.4290



38.2280, 0.2016, 0.2620



38.2280, 0.3120, 0.2509

Rectangle

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



38.2280, 0.4374, 0.3779



38.2280, 0.3830, 0.4390



38.2280, 0.2016, 0.2620



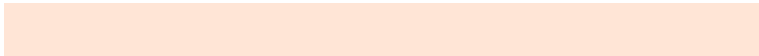
38.2280, 0.2391, 0.2315

Sweetspot

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



38.2299, 0.4374, 0.3779



81.9402, 0.3409, 0.3435



29.7540, 0.3644, 0.2420



17.0845, 0.3451, 0.3455



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.



38.2299, 0.4374, 0.3779



44.2178, 0.4730, 0.3848



61.7568, 0.3990, 0.4399



14.4877, 0.3283, 0.3373



12.6782, 0.5820, 0.3761



1.0432, 0.5524, 0.3996

Inverse Universe

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



42.3800, 0.2333, 0.2710



50.1522, 0.2202, 0.2570



22.8818, 0.2158, 0.1847



14.7160, 0.2982, 0.3205



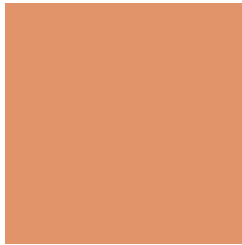
15.1380, 0.1916, 0.2096



1.2158, 0.1973, 0.2301

Previews

White Background



This preview shows how the Yxy color 38.2280, 0.4374, 0.3779 looks on a white background.

Color Contrast Check

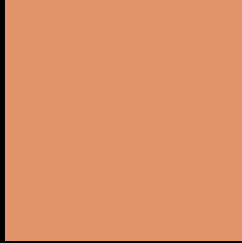
Large Text (above 18pt) WCAG AA × Fail

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 38.2280, 0.4374, 0.3779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

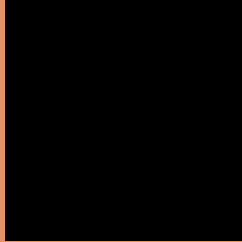
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.2280, 0.4374, 0.3779

Background



This preview shows how black text looks on a background with the Yxy color 38.2280, 0.4374, 0.3779.



This preview shows how white text looks on a background with the Yxy color 38.2280, 0.4374, 0.3779.

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

38.2280, 0.4374, 0.3779

Protanopia

38.5330, 0.3736, 0.4042

Deuteranopia

38.2133, 0.4077, 0.3997



Tritanopia

38.3039, 0.3943, 0.3164

Trichromacy



Original Color

38.2280, 0.4374, 0.3779

Protanomaly

38.0032, 0.3964, 0.3949

Deuteranomaly

38.1642, 0.4186, 0.3911

Tritanomaly

38.2181, 0.4113, 0.3387

Monochromacy



Original Color

38.2280, 0.4374, 0.3779

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.3747, 0.3548, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2280, 0.4374, 0.3779 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(225, 148, 106)` looks like.

```
.text, #text, p{  
    color:rgb(225, 148, 106)  
}
```

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(225, 148, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 148, 106) }
```

Border

The CSS property to change the border of an element to Yxy 38.2280, 0.4374, 0.3779 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(225, 148, 106) }
```

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

```
.border{ border-color:rgb(225, 148, 106) }
```

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

Here you see how a box with a 4 pixel rgb(225, 148, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 148, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 148, 106);  
box-shadow:4px 4px 4px 4px rgb(225, 148,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2280, 0.4374, 0.3779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 148, 106) }
```

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

```
.background{ background-color: rgb(225,  
148, 106) }
```

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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