

Converting Colors

$Y_{xy}(38.4252, 0.4283, 0.3679)$

Have a look what the booklet for
Yxy(38.4252, 0.4283, 0.3679)
contains.

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Color

Yxy(38.4252, 0.4283, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	E19473
RGB	225, 148, 115
RGB Percent	88%, 58%, 45%
CMY	0.1177, 0.4196, 0.5489
CMYK	0.00, 0.34, 0.49, 0.12
HSL	18°, 65%, 67%
HSV	18°, 49%, 88%
XYZ	44.7337, 38.4252, 21.2858
YIQ	167.2610, 56.4850, 6.0610

Conversions

Conversions Part 2

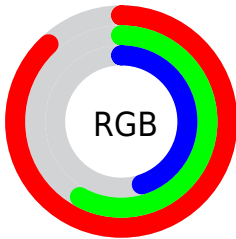
Format	Color
R_{YB}	225, 162, 115
Decimal	14783603
CIE _{Lab}	68.33, 25.42, 29.33
CIE _{LCh}	68, 38.812, 49.077
Yxy	38.4252, 0.4283, 0.3679
Android (android.graphics.Color)	4292973683 (0xFFE19473)
YUV	167.2610, -25.7647, 50.6371
Hunter-Lab	61.9881, 20.3353, 23.0323

Details

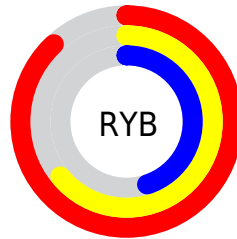
The Yxy color **38.4252, 0.4283, 0.3679** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **46.7809, 0.2402, 0.2844**, and the grayscale version is **38.8869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2911, 0.3824, 0.3656**, and **17.1582, 0.4638, 0.3754** is the 20% darker color. If you saturate the color by 10%, you get **33.3610, 0.4631, 0.3742**, and if you desaturate by 10%, it is **44.2919, 0.3971, 0.3602**.

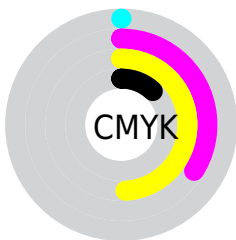
Distribution



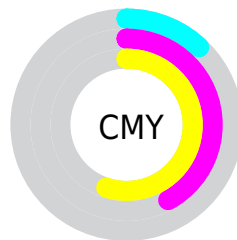
- Red (88%)
- Green (58%)
- Blue (45%)



- Red (88%)
- Yellow (64%)
- Blue (45%)



- Cyan (0%)
- Magenta (34%)
- Yellow (49%)
- Black (12%)




- Cyan (12%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4252, 0.4283, 0.3679 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 38.4252, 0.4283, 0.3679 by changing the saturation by 10% instead.


 38.4252, 0.4283,
0.3679

 38.4252, 0.4283,
0.3679


339.4405, 0.3684,
0.3508


 26.3129, 0.4436,
0.3711


 72.7594, 0.4062,
0.3624

 17.0578, 0.4631,
0.3745


 95.7500, 0.3980,
0.3601

 10.2757, 0.4890,
0.3777


 123.1356, 0.3911,
0.3581

 5.5822, 0.5242,
0.3792

 155.3004, 0.3852,
0.3563

 2.5927, 0.5903,
0.3860

192.6289, 0.3802,
0.3547

 0.9230, 0.6457,
0.3543

235.5055, 0.3758,

 0.0000, 1.0000,

0.3533

0.0000

284.3145, 0.3719,
0.3520

0.0000, 0.0000,
0.0000

38.4252, 0.4283,
0.3679

38.4252, 0.4283,
0.3679

33.3610, 0.4631,
0.3742

44.2919, 0.3971,
0.3602

29.0572, 0.5001,
0.3779

50.9892, 0.3701,
0.3519

25.4763, 0.5369,
0.3778

58.5509, 0.3469,
0.3436


22.5748, 0.5697,
0.3731

67.0070, 0.3274,
0.3357

20.2997, 0.5957,
0.3641

76.3860, 0.3110,
0.3282

 20.0784, 0.5983,
0.3631

 86.7153, 0.2972,
0.3213

 94.7453, 0.2946,
0.3289

Harmonies

Analogous

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



38.4252, 0.4096, 0.3230



38.4252, 0.4283, 0.3679



38.4252, 0.4125, 0.4087

Triad

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



38.4252, 0.4283, 0.3679



38.4252, 0.2609, 0.3826



38.4252, 0.2513, 0.2386

Complementary

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



38.4252, 0.4283, 0.3679



46.7809, 0.2402, 0.2844

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.



38.4252, 0.2189, 0.2449



38.4252, 0.4283, 0.3679



38.4252, 0.2235, 0.3236

Square

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



38.4252, 0.4283, 0.3679



38.4252, 0.3142, 0.4255



38.4252, 0.2093, 0.2737



38.4252, 0.3025, 0.2522

Rectangle

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



38.4252, 0.4283, 0.3679



38.4252, 0.3863, 0.4277



38.4252, 0.2093, 0.2737



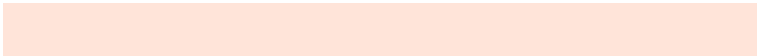
38.4252, 0.2382, 0.2383

Sweetspot

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



38.4271, 0.4283, 0.3679



81.8671, 0.3392, 0.3406



32.1598, 0.3507, 0.2405



17.0252, 0.3435, 0.3423



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.



38.4271, 0.4283, 0.3679



43.9823, 0.4650, 0.3744



59.0921, 0.3965, 0.4255



14.3675, 0.3285, 0.3361



11.7507, 0.5956, 0.3653



0.9680, 0.5651, 0.3895

Inverse Universe

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



46.7809, 0.2402, 0.2844



56.2237, 0.2273, 0.2729



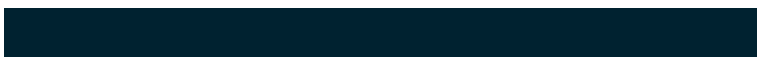
27.5038, 0.2257, 0.2078



14.8418, 0.2982, 0.3218



17.3401, 0.1968, 0.2285



1.3564, 0.2016, 0.2458

Previews

White Background



This preview shows how the Yxy color 38.4252, 0.4283, 0.3679 looks on a white background.

Color Contrast Check

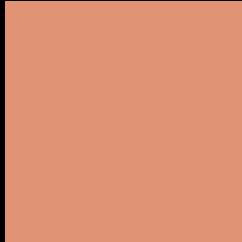
Large Text (above 18pt) WCAG AA × Fail

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 38.4252, 0.4283, 0.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

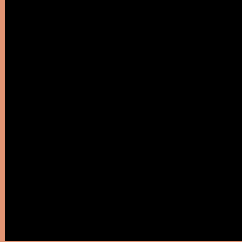
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4252, 0.4283, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 38.4252, 0.4283, 0.3679.



This preview shows how white text looks on a background with the Yxy color 38.4252, 0.4283, 0.3679.

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

38.4252, 0.4283, 0.3679

Protanopia

38.6512, 0.3637, 0.3907

Deuteranopia

38.6132, 0.3977, 0.3901



Tritanopia

38.4388, 0.3929, 0.3175

Trichromacy



Original Color

38.4252, 0.4283, 0.3679

Protanomaly

38.2334, 0.3870, 0.3821

Deuteranomaly

38.5471, 0.4083, 0.3818

Tritanomaly

38.4458, 0.4065, 0.3363

Monochromacy



Original Color

38.4252, 0.4283, 0.3679

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.9711, 0.3516, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4252, 0.4283, 0.3679 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 148, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 148, 115) }
```

Border

The CSS property to change the border of an element to Yxy 38.4252, 0.4283, 0.3679 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, 115) }
```

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

```
.border{ border-color:rgb(225, 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(225, 148, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 148, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 148, 115);  
box-shadow:4px 4px 4px 4px rgb(225, 148,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4252, 0.4283, 0.3679 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, 115) }
```

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

```
.background{ background-color: rgb(225,  
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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