

Converting Colors

$Yxy(38.3879, 0.4663, 0.4043)$

Have a look what the booklet for
Yxy(38.3879, 0.4663, 0.4043)
contains.

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Color

Yxy(38.3879, 0.4663, 0.4043)

Conversions

Conversions Part 1

Format	Color
Hex	E5944E
RGB	229, 148, 78
RGB Percent	90%, 58%, 31%
CMY	0.1020, 0.4196, 0.6941
CMYK	0.00, 0.35, 0.66, 0.10
HSL	28°, 74%, 60%
HSV	28°, 66%, 90%
XYZ	44.2747, 38.3879, 12.2864
YIQ	164.2390, 70.7460, -4.5980

Conversions

Conversions Part 2

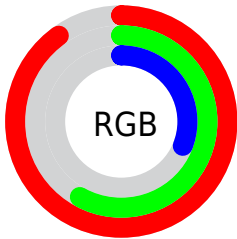
Format	Color
R _Y B	229, 208, 78
Decimal	15045710
CIE Lab	68.31, 24.21, 48.71
CIE LCh	68, 54.392, 63.574
Yxy	38.3879, 0.4663, 0.4043
Android (android.graphics.Color)	4293235790 (0xFFE5944E)
YUV	164.2390, -42.5158, 56.7954
Hunter-Lab	61.9580, 19.1284, 31.6132

Details

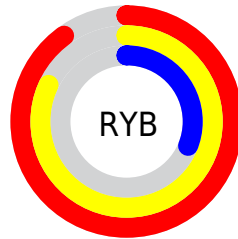
The Yxy color **38.3879, 0.4663, 0.4043** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **32.0677, 0.2113, 0.2283**, and the grayscale version is **37.4274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.0860, 0.4113, 0.4036**, and **17.0682, 0.5059, 0.4142** is the 20% darker color. If you saturate the color by 10%, you get **34.4655, 0.4954, 0.4088**, and if you desaturate by 10%, it is **42.8374, 0.4370, 0.3960**.

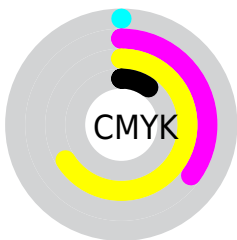
Distribution



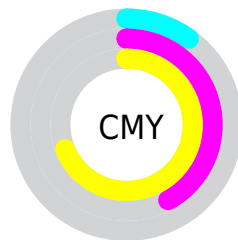
- Red (90%)
- Green (58%)
- Blue (31%)



- Red (90%)
- Yellow (82%)
- Blue (31%)



- Cyan (0%)
- Magenta (35%)
- Yellow (66%)
- Black (10%)




- Cyan (10%)
- Magenta (42%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3879, 0.4663, 0.4043 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 38.3879, 0.4663, 0.4043 by changing the saturation by 10% instead.


 38.3879, 0.4663,
0.4043


 38.3879, 0.4663,
0.4043


339.2810, 0.3892,
0.3723

 26.2839, 0.4843,
0.4095


 72.7023, 0.4389,
0.3946

 17.0361, 0.5062,
0.4143


 95.6815, 0.4284,
0.3903

 10.2603, 0.5327,
0.4172


 123.0545, 0.4194,
0.3865

 5.5719, 0.5759,
0.4236

 155.2057, 0.4116,
0.3830

 2.5865, 0.5997,
0.4003

 192.5196, 0.4049,
0.3799

 0.9199, 0.6394,
0.3606

235.3806, 0.3990,

 0.0000, 1.0000,

0.3771

0.0000

284.1729, 0.3938,
0.3746

■ 0.0000, 0.0000,
0.0000

■ 38.3879, 0.4663,
0.4043

■ 38.3879, 0.4663,
0.4043

■ 34.4655, 0.4954,
0.4088

■ 42.8374, 0.4370,
0.3960

■ 31.0391, 0.5223,
0.4082

■ 47.8308, 0.4090,
0.3851

■ 28.0819, 0.5451,
0.4022


■ 53.3912, 0.3833,
0.3729

■ 26.9988, 0.5535,
0.3987


■ 59.5384, 0.3602,
0.3603

■ 66.2909, 0.3399,
0.3478

 73.6665, 0.3221,
0.3358

 81.6818, 0.3067,
0.3245

 89.9473, 0.2969,
0.3202

 95.3953, 0.2970,
0.3290

Harmonies

Analogous

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



38.3879, 0.4670, 0.3454



38.3879, 0.4663, 0.4043



38.3879, 0.4216, 0.4562

Triad

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



38.3879, 0.4663, 0.4043



38.3879, 0.2126, 0.3634



38.3879, 0.2587, 0.2144

Complementary

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



38.3879, 0.4663, 0.4043



32.0677, 0.2113, 0.2283

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.



38.3879, 0.2037, 0.2084



38.3879, 0.4663, 0.4043



38.3879, 0.1795, 0.2816

Square

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



38.3879, 0.4663, 0.4043



38.3879, 0.2746, 0.4449



38.3879, 0.1771, 0.2291



38.3879, 0.3369, 0.2430

Rectangle

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



38.3879, 0.4663, 0.4043



38.3879, 0.3763, 0.4765



38.3879, 0.1771, 0.2291



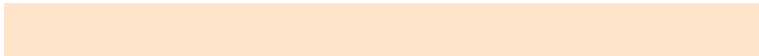
38.3879, 0.2373, 0.2097

Sweetspot

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



38.3899, 0.4663, 0.4043



80.9124, 0.3480, 0.3530



24.6812, 0.4047, 0.2409



16.7998, 0.3538, 0.3565



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.



38.3899, 0.4663, 0.4043



42.3757, 0.5053, 0.4092



69.1484, 0.4080, 0.4729



15.4639, 0.3281, 0.3399



15.6747, 0.5510, 0.4007



1.3426, 0.5268, 0.4199

Inverse Universe

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



32.0677, 0.2113, 0.2283



33.6899, 0.1958, 0.2036



13.8628, 0.1868, 0.1259



15.1610, 0.2981, 0.3178



11.5521, 0.1807, 0.1705



1.0392, 0.1876, 0.1955

Previews

White Background



This preview shows how the Yxy color 38.3879, 0.4663, 0.4043 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 38.3879, 0.4663, 0.4043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

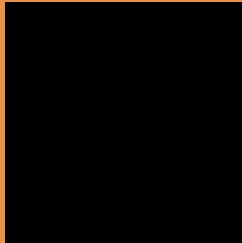
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3879, 0.4663, 0.4043

Background



This preview shows how black text looks on a background with the Yxy color 38.3879, 0.4663, 0.4043.



This preview shows how white text looks on a background with the Yxy color 38.3879, 0.4663, 0.4043.

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

38.3879, 0.4663, 0.4043

Protanopia

38.4679, 0.4016, 0.4391

Deuteranopia

38.5697, 0.4378, 0.4286



Tritanopia

38.4506, 0.4035, 0.3179

Trichromacy



Original Color

38.3879, 0.4663, 0.4043

Protanomaly

38.0302, 0.4247, 0.4260

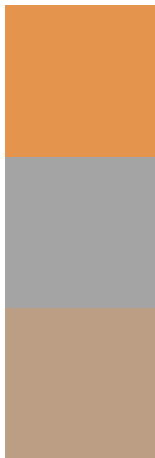
Deuteranomaly

38.4116, 0.4484, 0.4196

Tritanomaly

38.2560, 0.4289, 0.3510

Monochromacy



Original Color

38.3879, 0.4663, 0.4043

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.8385, 0.3669, 0.3634

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3879, 0.4663, 0.4043 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(229, 148, 78)` looks like.

```
.text, #text, p{  
    color:rgb(229, 148, 78)  
}
```

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(229, 148, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 148, 78) }
```

Border

The CSS property to change the border of an element to Yxy 38.3879, 0.4663, 0.4043 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(229, 148, 78) }
```

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

```
.border{ border-color:rgb(229, 148, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 148, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 148, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 148, 78);  
box-shadow:4px 4px 4px 4px rgb(229, 148,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3879, 0.4663, 0.4043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 148, 78) }
```

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

```
.background{ background-color: rgb(229,  
148, 78) }
```

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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