

Converting Colors

$Y_{xy}(48.3010, 0.4157, 0.3787)$

Have a look what the booklet for
Yxy(48.3010, 0.4157, 0.3787)
contains.

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Color

Yxy(48.2603, 0.4159, 0.3783)

Conversions

Conversions Part 1

Format	Color
Hex	EDAA7E
RGB	237, 170, 126
RGB Percent	93%, 67%, 49%
CMY	0.0707, 0.3332, 0.5059
CMYK	0.00, 0.28, 0.47, 0.07
HSL	24°, 75%, 71%
HSV	24°, 47%, 93%
XYZ	53.0570, 48.2603, 26.2542
YIQ	185.0170, 54.0560, 0.5200

Conversions

Conversions Part 2

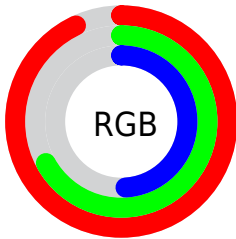
Format	Color
R _Y B	237, 199, 126
Decimal	15575678
CIE Lab	74.99, 19.50, 32.39
CIE LCh	75, 37.810, 58.957
Yxy	48.2603, 0.4159, 0.3783
Android (android.graphics.Color)	4293765758 (0xFFEDAA7E)
YUV	185.0170, -29.0954, 45.5891
Hunter-Lab	69.4696, 14.7564, 26.2217

Details

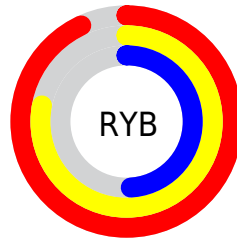
The Yxy color **48.2603, 0.4159, 0.3783** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **48.6595, 0.2401, 0.2721**, and the grayscale version is **48.6685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3651, 0.3661, 0.3760**, and **23.0624, 0.4445, 0.3887** is the 20% darker color. If you saturate the color by 10%, you get **42.6494, 0.4466, 0.3873**, and if you desaturate by 10%, it is **54.6036, 0.3881, 0.3679**.

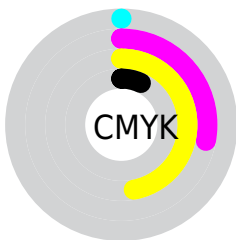
Distribution



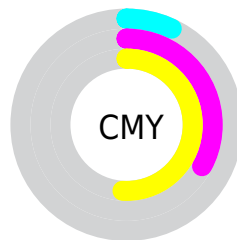
- Red (93%)
- Green (67%)
- Blue (49%)



- Red (93%)
- Yellow (78%)
- Blue (49%)



- Cyan (0%)
- Magenta (28%)
- Yellow (47%)
- Black (7%)





- Cyan (7%)
- Magenta (33%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2603, 0.4159, 0.3783 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 48.2603, 0.4159, 0.3783 by changing the saturation by 10% instead.


 48.2603, 0.4159,
0.3783


 48.2603, 0.4159,
0.3783


379.8230, 0.3646,
0.3562


 34.0331, 0.4283,
0.3828


 87.5918, 0.3975,
0.3710

 22.9190, 0.4439,
0.3881


 113.4649, 0.3905,
0.3680

 14.5337, 0.4640,
0.3939

 143.9888, 0.3845,
0.3654

 8.4928, 0.4905,
0.3999

179.5478, 0.3794,
0.3631

 4.4119, 0.5267,
0.4048

220.5263, 0.3750,
0.3611

 1.9065, 0.5885,
0.4115

267.3087, 0.3711,

 0.5523, 0.6467,

0.3593

0.3533

320.2795, 0.3677,
0.3577

0.0000, 0.0000,
0.0000

48.2603, 0.4159,
0.3783

48.2603, 0.4159,
0.3783

42.6494, 0.4466,
0.3873

54.6036, 0.3881,
0.3679

37.7350, 0.4790,
0.3938

61.6993, 0.3635,
0.3569

33.4879, 0.5114,
0.3964

69.5753, 0.3421,
0.3461

29.8740, 0.5413,
0.3939

78.2559, 0.3237,
0.3357

26.8535, 0.5661,
0.3861

87.7642, 0.3080,
0.3260

■ 26.0074, 0.5732,
0.3831

■ 96.7388, 0.3017,
0.3290

Harmonies

Analogous

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



48.2603, 0.4091, 0.3376



48.2603, 0.4159, 0.3783



48.2603, 0.3929, 0.4112

Triad

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



48.2603, 0.4159, 0.3783



48.2603, 0.2526, 0.3603



48.2603, 0.2709, 0.2486

Complementary

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



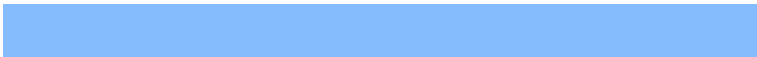
48.2603, 0.4159, 0.3783



48.6595, 0.2401, 0.2721

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.



48.2603, 0.2348, 0.2484



48.2603, 0.4159, 0.3783



48.2603, 0.2248, 0.3081

Square

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



48.2603, 0.4159, 0.3783



48.2603, 0.2977, 0.4057



48.2603, 0.2188, 0.2683



48.2603, 0.3213, 0.2664

Rectangle

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



48.2603, 0.4159, 0.3783



48.2603, 0.3653, 0.4228



48.2603, 0.2188, 0.2683



48.2603, 0.2569, 0.2464

Sweetspot

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



48.2626, 0.4159, 0.3783



84.9313, 0.3367, 0.3432



36.8327, 0.3606, 0.2546



17.7181, 0.3409, 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.



48.2626, 0.4159, 0.3783



50.7570, 0.4446, 0.3869



72.8269, 0.3877, 0.4322



16.0347, 0.3283, 0.3384



14.4429, 0.5703, 0.3854



1.3173, 0.5449, 0.4055

Inverse Universe

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



48.6595, 0.2401, 0.2721



51.2231, 0.2270, 0.2582



28.9951, 0.2267, 0.1985



16.0607, 0.2981, 0.3194



14.3220, 0.1872, 0.1937



1.3116, 0.1929, 0.2144

Previews

White Background



This preview shows how the Yxy color 48.2603, 0.4159, 0.3783 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 48.2603, 0.4159, 0.3783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

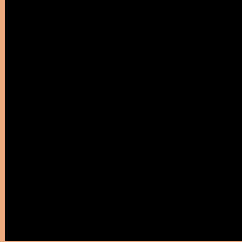
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2603, 0.4159, 0.3783

Background



This preview shows how black text looks on a background with the Yxy color 48.2603, 0.4159, 0.3783.



This preview shows how white text looks on a background with the Yxy color 48.2603, 0.4159, 0.3783.

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

48.2603, 0.4159, 0.3783

Protanopia

48.5060, 0.3682, 0.3963

Deuteranopia

48.2971, 0.3982, 0.3905



Tritanopia

48.0297, 0.3750, 0.3148

Trichromacy



Original Color

48.2603, 0.4159, 0.3783

Protanomaly

48.4004, 0.3850, 0.3899

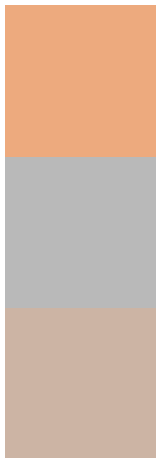
Deuteranomaly

48.0837, 0.4054, 0.3858

Tritanomaly

48.2663, 0.3905, 0.3382

Monochromacy



Original Color

48.2603, 0.4159, 0.3783

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.1602, 0.3473, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2603, 0.4159, 0.3783 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(237, 170, 126)` looks like.

```
.text, #text, p{  
    color:rgb(237, 170, 126)  
}
```

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(237, 170, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 170, 126) }
```

Border

The CSS property to change the border of an element to Yxy 48.2603, 0.4159, 0.3783 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(237, 170, 126) }
```

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

```
.border{ border-color:rgb(237, 170, 126) }
```

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

Here you see how a box with a 4 pixel rgb(237, 170, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 170, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 170, 126);  
box-shadow:4px 4px 4px 4px rgb(237, 170,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2603, 0.4159, 0.3783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 170, 126) }
```

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

```
.background{ background-color: rgb(237,  
170, 126) }
```

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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