

Converting Colors

$Y_{xy}(47.0383, 0.4152, 0.3810)$

Have a look what the booklet for
Yxy(47.0383, 0.4152, 0.3810)
contains.

Yxy(47.1296, 0.4155, 0.3812)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.1296, 0.4155, 0.3812)

Conversions

Conversions Part 1

Format	Color
Hex	E9A97B
RGB	233, 169, 123
RGB Percent	91%, 66%, 48%
CMY	0.0862, 0.3373, 0.5176
CMYK	0.00, 0.27, 0.47, 0.09
HSL	25°, 71%, 70%
HSV	25°, 47%, 91%
XYZ	51.3703, 47.1296, 25.1350
YIQ	182.8920, 52.9100, -0.7380

Conversions

Conversions Part 2

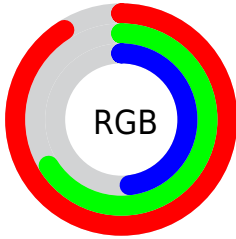
Format	Color
R _Y B	233, 202, 123
Decimal	15313275
CIE Lab	74.27, 18.18, 32.95
CIE LCh	74, 37.634, 61.122
Yxy	47.1296, 0.4155, 0.3812
Android (android.graphics.Color)	4293503355 (0xFFE9A97B)
YUV	182.8920, -29.5268, 43.9447
Hunter-Lab	68.6510, 13.4290, 26.3481

Details

The Yxy color **47.1296, 0.4155, 0.3812** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **45.6488, 0.2391, 0.2684**, and the grayscale version is **47.4370, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7059, 0.3685, 0.3781**, and **22.3176, 0.4441, 0.3926** is the 20% darker color. If you saturate the color by 10%, you get **41.8295, 0.4454, 0.3907**, and if you desaturate by 10%, it is **53.0965, 0.3882, 0.3703**.

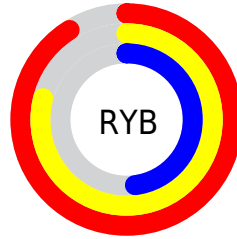
Distribution



Red (91%)

Green (66%)

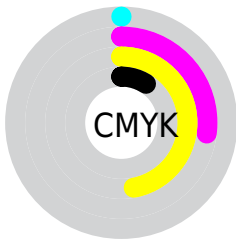
Blue (48%)



Red (91%)

Yellow (79%)

Blue (48%)

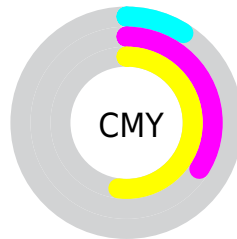


Cyan (0%)

Magenta (27%)

Yellow (47%)

Black (9%)



Cyan (9%)


Magenta (34%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1296, 0.4155, 0.3812 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 47.1296, 0.4155, 0.3812 by changing the saturation by 10% instead.


 47.1296, 0.4155,
0.3812


 47.1296, 0.4155,
0.3812

375.3316, 0.3643,
0.3576

 33.1381, 0.4279,
0.3861


 85.9070, 0.3971,
0.3733

 22.2323, 0.4436,
0.3918


 111.4618, 0.3901,
0.3701

 14.0277, 0.4637,
0.3983


 141.6398, 0.3842,
0.3673

 8.1399, 0.4901,
0.4049

176.8253, 0.3791,
0.3649

 4.1846, 0.5273,
0.4115

217.4029, 0.3746,
0.3628

 1.7774, 0.5843,
0.4157

263.7569, 0.3707,

 0.4730, 0.6541,

0.3608

0.3459

316.2717, 0.3673,
0.3591

0.0000, 0.0000,
0.0000

47.1296, 0.4155,
0.3812

47.1296, 0.4155,
0.3812

41.8295, 0.4454,
0.3907

53.0965, 0.3882,
0.3703

37.1633, 0.4769,
0.3975

59.7474, 0.3639,
0.3588

33.1054, 0.5082,
0.4004

67.1076, 0.3427,
0.3474

29.6249, 0.5369,
0.3982

75.1986, 0.3243,
0.3365

26.6857, 0.5608,
0.3906

84.0411, 0.3085,
0.3262

■ 25.9500, 0.5670,
0.3880

■ 93.1405, 0.2993,
0.3244

■ 96.0649, 0.2993,
0.3290

Harmonies

Analogous

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



47.1296, 0.4110, 0.3406



47.1296, 0.4155, 0.3812



47.1296, 0.3906, 0.4133

Triad

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



47.1296, 0.4155, 0.3812



47.1296, 0.2498, 0.3565



47.1296, 0.2740, 0.2491

Complementary

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



47.1296, 0.4155, 0.3812



45.6488, 0.2391, 0.2684

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.



47.1296, 0.2366, 0.2475



47.1296, 0.4155, 0.3812



47.1296, 0.2233, 0.3045

Square

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



47.1296, 0.4155, 0.3812



47.1296, 0.2940, 0.4034



47.1296, 0.2190, 0.2659



47.1296, 0.3252, 0.2681

Rectangle

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



47.1296, 0.4155, 0.3812



47.1296, 0.3620, 0.4237



47.1296, 0.2190, 0.2659



47.1296, 0.2596, 0.2464

Sweetspot

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



47.1319, 0.4155, 0.3812



85.3637, 0.3366, 0.3439



35.0918, 0.3652, 0.2579



17.8230, 0.3408, 0.3463



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.



47.1319, 0.4155, 0.3812



51.2828, 0.4457, 0.3908



71.9820, 0.3865, 0.4361



16.0888, 0.3282, 0.3389



14.9557, 0.5643, 0.3902



1.3606, 0.5396, 0.4098

Inverse Universe

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



45.6488, 0.2391, 0.2684



49.2016, 0.2248, 0.2526



26.6496, 0.2251, 0.1925



16.0053, 0.2981, 0.3189



13.5154, 0.1851, 0.1862



1.2507, 0.1911, 0.2079

Previews

White Background



This preview shows how the Yxy color 47.1296, 0.4155, 0.3812 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 47.1296, 0.4155, 0.3812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

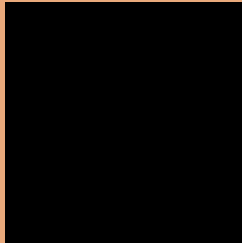
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1296, 0.4155, 0.3812

Background



This preview shows how black text looks on a background with the Yxy color 47.1296, 0.4155, 0.3812.



This preview shows how white text looks on a background with the Yxy color 47.1296, 0.4155, 0.3812.

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

47.1296, 0.4155, 0.3812

Protanopia

47.3223, 0.3696, 0.3982

Deuteranopia

47.1252, 0.3999, 0.3922



Tritanopia

47.1129, 0.3734, 0.3146

Trichromacy



Original Color

47.1296, 0.4155, 0.3812

Protanomaly

47.0747, 0.3857, 0.3919

Deuteranomaly

47.1396, 0.4057, 0.3888

Tritanomaly

47.1434, 0.3891, 0.3394

Monochromacy



Original Color

47.1296, 0.4155, 0.3812

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.8315, 0.3477, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1296, 0.4155, 0.3812 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(233, 169, 123)` looks like.

```
.text, #text, p{  
    color:rgb(233, 169, 123)  
}
```

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(233, 169, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 169, 123) }
```

Border

The CSS property to change the border of an element to Yxy 47.1296, 0.4155, 0.3812 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(233, 169, 123) }
```

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

```
.border{ border-color:rgb(233, 169, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 169, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 169, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 169, 123);  
box-shadow:4px 4px 4px 4px rgb(233, 169,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1296, 0.4155, 0.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 169, 123) }
```

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

```
.background{ background-color: rgb(233,  
169, 123) }
```

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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