

Converting Colors

$Yxy(46.7610, 0.3807, 0.3475)$

Have a look what the booklet for
Yxy(46.7610, 0.3807, 0.3475)
contains.

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Color

Yxy(46.8446, 0.3811, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	E2A999
RGB	226, 169, 153
RGB Percent	89%, 66%, 60%
CMY	0.1137, 0.3372, 0.4001
CMYK	0.00, 0.25, 0.32, 0.11
HSL	13°, 56%, 74%
HSV	13°, 32%, 89%
XYZ	51.3002, 46.8446, 36.4661
YIQ	184.2190, 39.1080, 7.1080

Conversions

Conversions Part 2

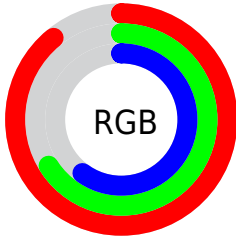
Format	Color
R _Y B	226, 173, 153
Decimal	14854553
CIE Lab	74.09, 18.78, 16.44
CIE LCh	74, 24.954, 41.200
Yxy	46.8446, 0.3811, 0.3480
Android (android.graphics.Color)	4293044633 (0xFFE2A999)
YUV	184.2190, -15.3910, 36.6419
Hunter-Lab	68.4431, 14.0158, 16.3208

Details

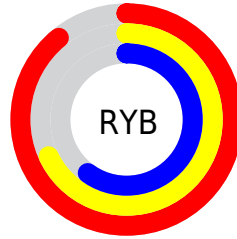
The Yxy color **46.8446, 0.3811, 0.3480** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.3407, 0.2643, 0.3090**, and the grayscale version is **48.1311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0763, 0.3466, 0.3463**, and **22.1169, 0.4003, 0.3524** is the 20% darker color. If you saturate the color by 10%, you get **40.0427, 0.4115, 0.3540**, and if you desaturate by 10%, it is **54.6778, 0.3555, 0.3419**.

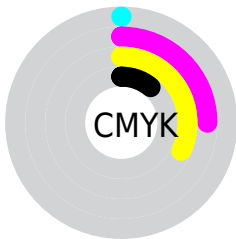
Distribution



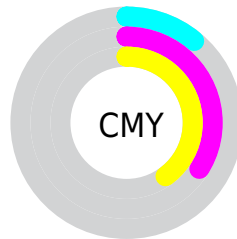
- Red (89%)
- Green (66%)
- Blue (60%)



- Red (89%)
- Yellow (68%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (32%)
- Black (11%)





- Cyan (11%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.8446, 0.3811, 0.3480 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 46.8446, 0.3811, 0.3480 by changing the saturation by 10% instead.


 46.8446, 0.3811,
0.3480


 46.8446, 0.3811,
0.3480

374.1939, 0.3466,
0.3394

 32.9128, 0.3898,
0.3498


 85.4816, 0.3685,
0.3451

 22.0597, 0.4009,
0.3520


 110.9556, 0.3638,
0.3440

 13.9008, 0.4156,
0.3545


141.0459, 0.3598,
0.3430

 8.0517, 0.4362,
0.3573

176.1367, 0.3564,
0.3421

 4.1280, 0.4663,
0.3601

216.6125, 0.3535,
0.3413

 1.7454, 0.5203,
0.3649

262.8577, 0.3509,

 0.4528, 0.6627,

0.3406

0.3373

315.2567, 0.3486,
0.3400

0.0000, 0.0000,
0.0000

46.8446, 0.3811,
0.3480

46.8446, 0.3811,
0.3480

40.0427, 0.4115,
0.3540

54.6778, 0.3555,
0.3419

34.2222, 0.4466,
0.3593

63.5763, 0.3341,
0.3359

29.3389, 0.4858,
0.3630

73.5806, 0.3164,
0.3302

25.3428, 0.5267,
0.3641

84.7272, 0.3017,
0.3250

22.1786, 0.5655,
0.3617

94.9087, 0.2952,
0.3289

■ 19.7844, 0.5976,
0.3555

■ 18.4163, 0.6159,
0.3491

Harmonies

Analogous

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



46.8446, 0.3646, 0.3193



46.8446, 0.3811, 0.3480



46.8446, 0.3779, 0.3739

Triad

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



46.8446, 0.3811, 0.3480



46.8446, 0.2899, 0.3682



46.8446, 0.2684, 0.2721

Complementary

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



46.8446, 0.3811, 0.3480



58.3407, 0.2643, 0.3090

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.



46.8446, 0.2509, 0.2811



46.8446, 0.3811, 0.3480



46.8446, 0.2627, 0.3360

Square

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



46.8446, 0.3811, 0.3480



46.8446, 0.3242, 0.3884



46.8446, 0.2489, 0.3038



46.8446, 0.2982, 0.2770

Rectangle

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



46.8446, 0.3811, 0.3480



46.8446, 0.3654, 0.3860



46.8446, 0.2489, 0.3038



46.8446, 0.2610, 0.2735

Sweetspot

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



46.8468, 0.3811, 0.3480



86.4174, 0.3298, 0.3346



43.6068, 0.3304, 0.2648



18.1140, 0.3325, 0.3354



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.



46.8468, 0.3811, 0.3480



55.2393, 0.4017, 0.3522



62.2794, 0.3681, 0.3884



14.1859, 0.3287, 0.3342



10.6505, 0.6134, 0.3511



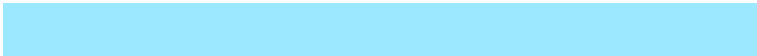
0.8704, 0.5837, 0.3747

Inverse Universe

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



58.3407, 0.2643, 0.3090



72.6178, 0.2548, 0.3040



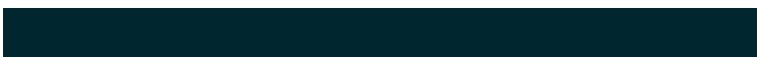
42.4058, 0.2584, 0.2613



15.0351, 0.2982, 0.3237



21.1178, 0.2047, 0.2570



1.5916, 0.2082, 0.2693

Previews

White Background



This preview shows how the Yxy color 46.8446, 0.3811, 0.3480 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 46.8446, 0.3811, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

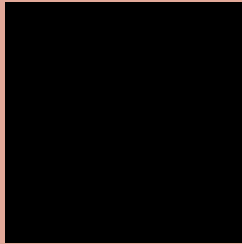
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.8446, 0.3811, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 46.8446, 0.3811, 0.3480.



This preview shows how white text looks on a background with the Yxy color 46.8446, 0.3811, 0.3480.

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

46.8446, 0.3811, 0.3480

Protanopia

47.0355, 0.3394, 0.3589

Deuteranopia

46.7758, 0.3658, 0.3575



Tritanopia

46.7826, 0.3613, 0.3142

Trichromacy



Original Color

46.8446, 0.3811, 0.3480

Protanomaly

46.7160, 0.3542, 0.3542

Deuteranomaly

46.7531, 0.3711, 0.3546

Tritanomaly

46.6310, 0.3687, 0.3257

Monochromacy



Original Color

46.8446, 0.3811, 0.3480

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.3994, 0.3353, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8446, 0.3811, 0.3480 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(226, 169, 153)` looks like.

```
.text, #text, p{  
    color:rgb(226, 169, 153)  
}
```

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(226, 169, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 169, 153) }
```

Border

The CSS property to change the border of an element to Yxy 46.8446, 0.3811, 0.3480 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(226, 169, 153) }
```

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

```
.border{ border-color:rgb(226, 169, 153) }
```

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

Here you see how a box with a 4 pixel rgb(226, 169, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 169, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 169, 153);  
box-shadow:4px 4px 4px 4px rgb(226, 169,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8446, 0.3811, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 169, 153) }
```

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

```
.background{ background-color: rgb(226,  
169, 153) }
```

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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