

Converting Colors

$Yxy(47.2089, 0.3826, 0.3508)$

Have a look what the booklet for
Yxy(47.2089, 0.3826, 0.3508)
contains.

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Color

Yxy(47.1526, 0.3826, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	E2AA97
RGB	226, 170, 151
RGB Percent	89%, 67%, 59%
CMY	0.1137, 0.3333, 0.4079
CMYK	0.00, 0.25, 0.33, 0.11
HSL	15°, 56%, 74%
HSV	15°, 33%, 89%
XYZ	51.3246, 47.1526, 35.6696
YIQ	184.5780, 39.4750, 5.9630

Conversions

Conversions Part 2

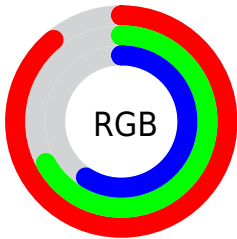
Format	Color
R _Y B	226, 176, 151
Decimal	14854807
CIE Lab	74.29, 17.99, 17.80
CIE LCh	74, 25.306, 44.687
Yxy	47.1526, 0.3826, 0.3515
Android (android.graphics.Color)	4293044887 (0xFFE2AA97)
YUV	184.5780, -16.5540, 36.3271
Hunter-Lab	68.6678, 13.2483, 17.2691

Details

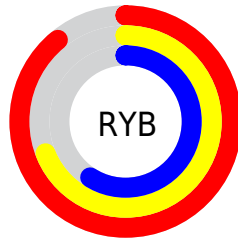
The Yxy color **47.1526, 0.3826, 0.3515** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.6889, 0.2626, 0.3051**, and the grayscale version is **48.3473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5182, 0.3479, 0.3493**, and **22.3120, 0.4023, 0.3570** is the 20% darker color. If you saturate the color by 10%, you get **40.5645, 0.4126, 0.3584**, and if you desaturate by 10%, it is **54.6976, 0.3571, 0.3444**.

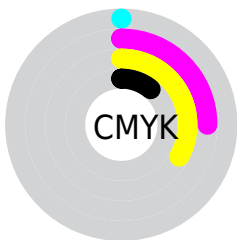
Distribution



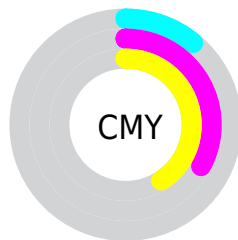
- Red (89%)
- Green (67%)
- Blue (59%)



- Red (89%)
- Yellow (69%)
- Blue (59%)



- Cyan (0%)
- Magenta (25%)
- Yellow (33%)
- Black (11%)





- Cyan (11%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1526, 0.3826, 0.3515 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 47.1526, 0.3826, 0.3515 by changing the saturation by 10% instead.


 47.1526, 0.3826,
0.3515

 47.1526, 0.3826,
0.3515


375.4233, 0.3474,
0.3413

 33.1563, 0.3914,
0.3537


 85.9414, 0.3698,
0.3480

 22.2462, 0.4027,
0.3564


 111.5026, 0.3650,
0.3466

 14.0379, 0.4177,
0.3595


141.6877, 0.3609,
0.3454

 8.1470, 0.4384,
0.3631

176.8809, 0.3574,
0.3444

 4.1892, 0.4687,
0.3669

217.4666, 0.3544,
0.3435

 1.7799, 0.5246,
0.3747

263.8294, 0.3518,

 0.4746, 0.6525,

0.3427

0.3475

316.3535, 0.3495,
0.3419

0.0000, 0.0000,
0.0000

47.1526, 0.3826,
0.3515

47.1526, 0.3826,
0.3515

40.5645, 0.4126,
0.3584

54.6976, 0.3571,
0.3444

34.8880, 0.4470,
0.3644

63.2294, 0.3357,
0.3375

30.0839, 0.4850,
0.3687

72.7847, 0.3178,
0.3310

26.1072, 0.5244,
0.3700

83.3961, 0.3029,
0.3249

22.9089, 0.5617,
0.3675

94.5024, 0.2952,
0.3283

■ 20.4339, 0.5926,
0.3607

■ 94.9092, 0.2952,
0.3289

■ 19.1243, 0.6090,
0.3546

Harmonies

Analogous

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



47.1526, 0.3681, 0.3225



47.1526, 0.3826, 0.3515



47.1526, 0.3770, 0.3769

Triad

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



47.1526, 0.3826, 0.3515



47.1526, 0.2859, 0.3653



47.1526, 0.2708, 0.2713

Complementary

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



47.1526, 0.3826, 0.3515



56.6889, 0.2626, 0.3051

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.



47.1526, 0.2515, 0.2787



47.1526, 0.3826, 0.3515



47.1526, 0.2597, 0.3321

Square

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



47.1526, 0.3826, 0.3515



47.1526, 0.3202, 0.3877



47.1526, 0.2476, 0.3002



47.1526, 0.3020, 0.2779

Rectangle

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



47.1526, 0.3826, 0.3515



47.1526, 0.3631, 0.3882



47.1526, 0.2476, 0.3002



47.1526, 0.2628, 0.2722

Sweetspot

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



47.1548, 0.3826, 0.3515



86.9154, 0.3297, 0.3354



42.8164, 0.3333, 0.2657



18.2337, 0.3324, 0.3364



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.



47.1548, 0.3826, 0.3515



55.7427, 0.4033, 0.3564



63.1499, 0.3689, 0.3927



14.2624, 0.3286, 0.3350



11.0709, 0.6063, 0.3568



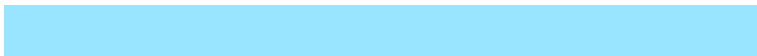
0.9092, 0.5760, 0.3808

Inverse Universe

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



56.6889, 0.2626, 0.3051



70.1102, 0.2528, 0.2991



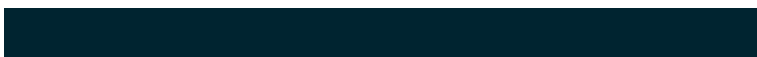
40.7228, 0.2564, 0.2558



14.9532, 0.2982, 0.3229



19.4586, 0.2014, 0.2450



1.4891, 0.2054, 0.2595

Previews

White Background



This preview shows how the Yxy color 47.1526, 0.3826, 0.3515 looks on a white background.

Color Contrast Check

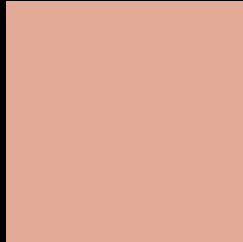
Large Text (above 18pt) WCAG AA × Fail

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 47.1526, 0.3826, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

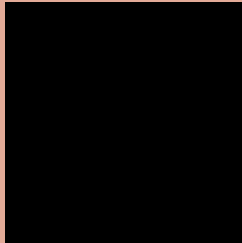
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1526, 0.3826, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 47.1526, 0.3826, 0.3515.



This preview shows how white text looks on a background with the Yxy color 47.1526, 0.3826, 0.3515.

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

47.1526, 0.3826, 0.3515

Protanopia

47.5078, 0.3417, 0.3627

Deuteranopia

47.2497, 0.3682, 0.3611



Tritanopia

47.1851, 0.3602, 0.3142

Trichromacy



Original Color

47.1526, 0.3826, 0.3515

Protanomaly

47.0447, 0.3557, 0.3580

Deuteranomaly

47.2258, 0.3736, 0.3582

Tritanomaly

46.9960, 0.3684, 0.3268

Monochromacy



Original Color

47.1526, 0.3826, 0.3515

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.9390, 0.3360, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1526, 0.3826, 0.3515 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, 170, 151)` looks like.

```
.text, #text, p{  
    color:rgb(226, 170, 151)  
}
```

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, 170, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 170, 151) }
```

Border

The CSS property to change the border of an element to Yxy 47.1526, 0.3826, 0.3515 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, 170, 151) }
```

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

```
.border{ border-color:rgb(226, 170, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 170, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 170, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 170, 151);  
box-shadow:4px 4px 4px 4px rgb(226, 170,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1526, 0.3826, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 170, 151) }
```

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

```
.background{ background-color: rgb(226,  
170, 151) }
```

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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