

Converting Colors

$Yxy(48.6147, 0.3957, 0.3776)$

Have a look what the booklet for
Yxy(48.6147, 0.3957, 0.3776)
contains.

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Color

Yxy(48.5499, 0.3960, 0.3770)

Conversions

Conversions Part 1

Format	Color
Hex	E2AF86
RGB	226, 175, 134
RGB Percent	89%, 69%, 53%
CMY	0.1137, 0.3137, 0.4746
CMYK	0.00, 0.23, 0.41, 0.11
HSL	27°, 61%, 71%
HSV	27°, 41%, 89%
XYZ	50.9967, 48.5499, 29.2330
YIQ	185.5750, 43.5570, -1.9390

Conversions

Conversions Part 2

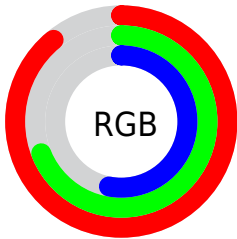
Format	Color
R _Y B	226, 208, 134
Decimal	14856070
CIE Lab	75.17, 13.32, 28.17
CIE LCh	75, 31.156, 64.698
Yxy	48.5499, 0.3960, 0.3770
Android (android.graphics.Color)	4293046150 (0xFFE2AF86)
YUV	185.5750, -25.4265, 35.4527
Hunter-Lab	69.6778, 8.7069, 23.8996

Details

The Yxy color **48.5499, 0.3960, 0.3770** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **45.2499, 0.2484, 0.2748**, and the grayscale version is **48.9801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0427, 0.3583, 0.3726**, and **23.2410, 0.4185, 0.3884** is the 20% darker color. If you saturate the color by 10%, you get **43.3356, 0.4234, 0.3882**, and if you desaturate by 10%, it is **54.3559, 0.3713, 0.3649**.

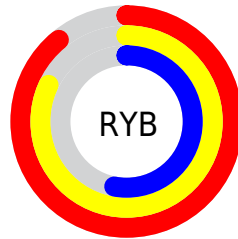
Distribution



Red (89%)

Green (69%)

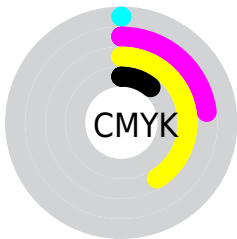
Blue (53%)



Red (89%)

Yellow (82%)

Blue (53%)

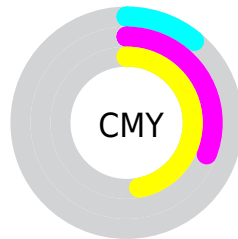


Cyan (0%)

Magenta (23%)

Yellow (41%)

Black (11%)



Cyan (11%)


Magenta (31%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5499, 0.3960, 0.3770 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 48.5499, 0.3960, 0.3770 by changing the saturation by 10% instead.


 48.5499, 0.3960,
0.3770

 48.5499, 0.3960,
0.3770


380.9677, 0.3546,
0.3546


 34.2626, 0.4061,
0.3820


 88.0226, 0.3811,
0.3693

 23.0954, 0.4189,
0.3880


 113.9767, 0.3754,
0.3663

 14.6640, 0.4354,
0.3952


 144.5886, 0.3707,
0.3637

 8.5839, 0.4576,
0.4038

180.2426, 0.3665,
0.3614

 4.4708, 0.4880,
0.4133

221.3231, 0.3630,
0.3594

 1.9402, 0.5579,
0.4421

268.2145, 0.3598,

 0.5724, 0.6030,

0.3576

0.3970

321.3013, 0.3571,
0.3560

0.0000, 0.0000,
0.0000

48.5499, 0.3960,
0.3770

48.5499, 0.3960,
0.3770

43.3356, 0.4234,
0.3882

54.3559, 0.3713,
0.3649

38.6850, 0.4528,
0.3976

60.7663, 0.3494,
0.3528

34.5782, 0.4831,
0.4039

67.8021, 0.3303,
0.3409

30.9907, 0.5123,
0.4057

75.4809, 0.3138,
0.3298

27.8951, 0.5383,
0.4022

83.8197, 0.2995,
0.3194

■ 25.4271, 0.5586,
0.3946

■ 91.8592, 0.2951,
0.3241

■ 94.9090, 0.2952,
0.3289

Harmonies

Analogous

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



48.5499, 0.3949, 0.3438



48.5499, 0.3960, 0.3770



48.5499, 0.3736, 0.4008

Triad

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



48.5499, 0.3960, 0.3770



48.5499, 0.2573, 0.3466



48.5499, 0.2857, 0.2633

Complementary

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



48.5499, 0.3960, 0.3770



45.2499, 0.2484, 0.2748

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.



48.5499, 0.2524, 0.2605



48.5499, 0.3960, 0.3770



48.5499, 0.2369, 0.3052

Square

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



48.5499, 0.3960, 0.3770



48.5499, 0.2930, 0.3853



48.5499, 0.2353, 0.2745



48.5499, 0.3287, 0.2809

Rectangle

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



48.5499, 0.3960, 0.3770



48.5499, 0.3493, 0.4066



48.5499, 0.2353, 0.2745



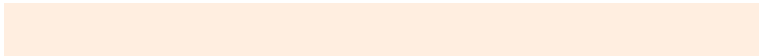
48.5499, 0.2731, 0.2606

Sweetspot

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



48.5522, 0.3960, 0.3770



87.8364, 0.3328, 0.3425



36.7669, 0.3570, 0.2692



18.5332, 0.3352, 0.3441



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.



48.5522, 0.3960, 0.3770



57.8855, 0.4195, 0.3868



69.0066, 0.3759, 0.4237



14.7014, 0.3281, 0.3395



14.7350, 0.5560, 0.3967



1.1979, 0.5297, 0.4176

Inverse Universe

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



45.2499, 0.2484, 0.2748



52.9549, 0.2352, 0.2608



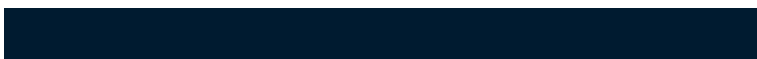
29.3507, 0.2385, 0.2124



14.4967, 0.2981, 0.3183



11.7776, 0.1825, 0.1768



0.9942, 0.1895, 0.2023

Previews

White Background



This preview shows how the Yxy color 48.5499, 0.3960, 0.3770 looks on a white background.

Color Contrast Check

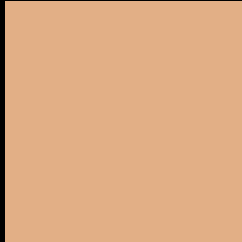
Large Text (above 18pt) WCAG AA × Fail

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 48.5499, 0.3960, 0.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

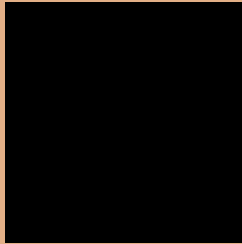
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.5499, 0.3960, 0.3770

Background



This preview shows how black text looks on a background with the Yxy color 48.5499, 0.3960, 0.3770.

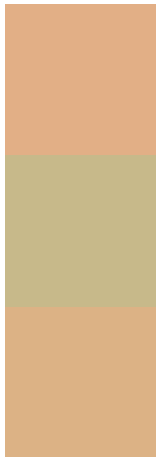


This preview shows how white text looks on a background with the Yxy color 48.5499, 0.3960, 0.3770.

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

48.5499, 0.3960, 0.3770

Protanopia

48.6750, 0.3633, 0.3888

Deuteranopia

48.7499, 0.3899, 0.3826



Tritanopia

48.7423, 0.3585, 0.3143

Trichromacy



Original Color

48.5499, 0.3960, 0.3770

Protanomaly

48.4092, 0.3749, 0.3834

Deuteranomaly

48.6673, 0.3922, 0.3811

Tritanomaly

48.5004, 0.3719, 0.3361

Monochromacy



Original Color

48.5499, 0.3960, 0.3770

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.6634, 0.3416, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5499, 0.3960, 0.3770 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, 175, 134)` looks like.

```
.text, #text, p{  
    color:rgb(226, 175, 134)  
}
```

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, 175, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 175, 134) }
```

Border

The CSS property to change the border of an element to Yxy 48.5499, 0.3960, 0.3770 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, 175, 134) }
```

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

```
.border{ border-color:rgb(226, 175, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 175, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 175, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 175, 134);  
box-shadow:4px 4px 4px 4px rgb(226, 175,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5499, 0.3960, 0.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 175, 134) }
```

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

```
.background{ background-color: rgb(226,  
175, 134) }
```

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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