

Converting Colors

$Yxy(48.4722, 0.3955, 0.3743)$

Have a look what the booklet for
Yxy(48.4722, 0.3955, 0.3743)
contains.

Yxy(48.3806, 0.3956, 0.3734)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.3806, 0.3956, 0.3734)

Conversions

Conversions Part 1

Format	Color
Hex	E3AE88
RGB	227, 174, 136
RGB Percent	89%, 68%, 53%
CMY	0.1098, 0.3176, 0.4667
CMYK	0.00, 0.23, 0.40, 0.11
HSL	25°, 62%, 71%
HSV	25°, 40%, 89%
XYZ	51.2570, 48.3806, 29.9302
YIQ	185.5150, 43.7860, -0.5820

Conversions

Conversions Part 2

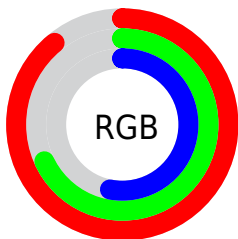
Format	Color
RYB	227, 201, 136
Decimal	14921352
CIELab	75.06, 14.46, 26.97
CIELCh	75, 30.600, 61.794
Yxy	48.3806, 0.3956, 0.3734
Android (android.graphics.Color)	4293111432 (0xFFE3AE88)
YUV	185.5150, -24.4109, 36.3823
Hunter-Lab	69.5562, 9.8161, 23.1767

Details

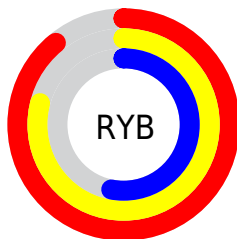
The Yxy color **48.3806, 0.3956, 0.3734** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **47.1700, 0.2499, 0.2792**, and the grayscale version is **48.9393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5713, 0.3572, 0.3696**, and **23.1370, 0.4182, 0.3837** is the 20% darker color. If you saturate the color by 10%, you get **42.9455, 0.4237, 0.3840**, and if you desaturate by 10%, it is **54.4596, 0.3705, 0.3620**.

Distribution



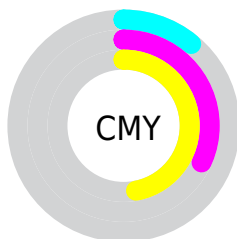
- Red (89%)
- Green (68%)
- Blue (53%)



- Red (89%)
- Yellow (79%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (40%)
- Black (11%)




- Cyan (11%)
- Magenta (32%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.3806, 0.3956, 0.3734 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 48.3806, 0.3956, 0.3734 by changing the saturation by 10% instead.


 48.3806, 0.3956,
0.3734

 48.3806, 0.3956,
0.3734

380.2988, 0.3543,
0.3528


 34.1284, 0.4057,
0.3780


 87.7708, 0.3807,
0.3663

 22.9922, 0.4185,
0.3834


 113.6776, 0.3751,
0.3635

 14.5878, 0.4352,
0.3900


 144.2380, 0.3703,
0.3611

 8.5306, 0.4576,
0.3978

179.8365, 0.3662,
0.3590

 4.4363, 0.4888,
0.4063

220.8574, 0.3626,
0.3572

 1.9205, 0.5639,
0.4361

267.6852, 0.3595,

 0.5607, 0.6126,

0.3555

0.3874

320.7042, 0.3567,
0.3541

0.0000, 0.0000,
0.0000

48.3806, 0.3956,
0.3734

48.3806, 0.3956,
0.3734

42.9455, 0.4237,
0.3840

54.4596, 0.3705,
0.3620

38.1243, 0.4542,
0.3929

61.1974, 0.3484,
0.3506

33.8943, 0.4857,
0.3987

68.6169, 0.3293,
0.3395

30.2288, 0.5165,
0.4003

76.7378, 0.3128,
0.3291

27.0976, 0.5441,
0.3966

85.5790, 0.2987,
0.3194

■ 24.4804, 0.5668,
0.3881

■ 94.0006, 0.2958,
0.3273

■ 95.0697, 0.2958,
0.3290

Harmonies

Analogous

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



48.3806, 0.3921, 0.3403



48.3806, 0.3956, 0.3734



48.3806, 0.3756, 0.3981

Triad

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



48.3806, 0.3956, 0.3734



48.3806, 0.2611, 0.3504



48.3806, 0.2825, 0.2634

Complementary

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



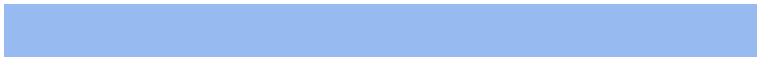
48.3806, 0.3956, 0.3734



47.1700, 0.2499, 0.2792

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.



48.3806, 0.2510, 0.2622



48.3806, 0.3956, 0.3734



48.3806, 0.2393, 0.3092

Square

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



48.3806, 0.3956, 0.3734



48.3806, 0.2973, 0.3872



48.3806, 0.2358, 0.2777



48.3806, 0.3242, 0.2795

Rectangle

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



48.3806, 0.3956, 0.3734



48.3806, 0.3526, 0.4051



48.3806, 0.2358, 0.2777



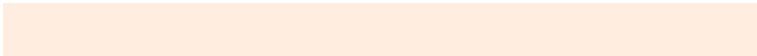
48.3806, 0.2704, 0.2612

Sweetspot

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



48.3829, 0.3956, 0.3734



87.3370, 0.3329, 0.3417



37.6167, 0.3545, 0.2685



18.4159, 0.3353, 0.3431



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.



48.3829, 0.3956, 0.3734



57.1093, 0.4185, 0.3822



68.9848, 0.3756, 0.4209



15.3522, 0.3282, 0.3389



14.4966, 0.5642, 0.3902



1.2513, 0.5382, 0.4109

Inverse Universe

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



47.1700, 0.2499, 0.2792



55.3003, 0.2376, 0.2669



30.6015, 0.2401, 0.2165



15.2745, 0.2981, 0.3189



13.1235, 0.1851, 0.1865



1.1523, 0.1915, 0.2093

Previews

White Background



This preview shows how the Yxy color 48.3806, 0.3956, 0.3734 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 48.3806, 0.3956, 0.3734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

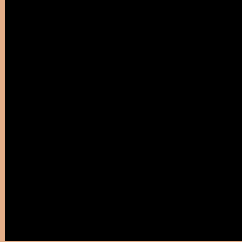
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.3806, 0.3956, 0.3734

Background



This preview shows how black text looks on a background with the Yxy color 48.3806, 0.3956, 0.3734.



This preview shows how white text looks on a background with the Yxy color 48.3806, 0.3956, 0.3734.

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

48.3806, 0.3956, 0.3734

Protanopia

48.6268, 0.3599, 0.3851

Deuteranopia

48.2536, 0.3877, 0.3794



Tritanopia

48.3304, 0.3596, 0.3143

Trichromacy



Original Color

48.3806, 0.3956, 0.3734

Protanomaly

48.4671, 0.3732, 0.3810

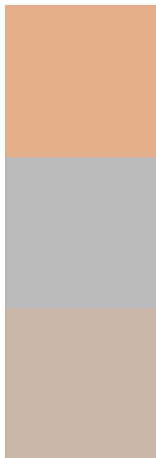
Deuteranomaly

48.3295, 0.3909, 0.3777

Tritanomaly

48.2891, 0.3732, 0.3349

Monochromacy



Original Color

48.3806, 0.3956, 0.3734

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.7006, 0.3408, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3806, 0.3956, 0.3734 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(227, 174, 136)` looks like.

```
.text, #text, p{  
    color:rgb(227, 174, 136)  
}
```

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(227, 174, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 174, 136) }
```

Border

The CSS property to change the border of an element to Yxy 48.3806, 0.3956, 0.3734 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(227, 174, 136) }
```

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

```
.border{ border-color:rgb(227, 174, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 174, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 174, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 174, 136);  
box-shadow:4px 4px 4px 4px rgb(227, 174,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3806, 0.3956, 0.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 174, 136) }
```

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

```
.background{ background-color: rgb(227,  
174, 136) }
```

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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