

Converting Colors

$Yxy(49.1483, 0.4055, 0.3795)$

Have a look what the booklet for
Yxy(49.1483, 0.4055, 0.3795)
contains.

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Color

Yxy(49.0396, 0.4056, 0.3793)

Conversions

Conversions Part 1

Format	Color
Hex	E8AE82
RGB	232, 174, 130
RGB Percent	91%, 68%, 51%
CMY	0.0902, 0.3176, 0.4903
CMYK	0.00, 0.25, 0.44, 0.09
HSL	26°, 69%, 71%
HSV	26°, 44%, 91%
XYZ	52.4399, 49.0396, 27.8102
YIQ	186.3260, 48.6920, -1.3880

Conversions

Conversions Part 2

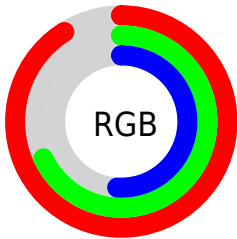
Format	Color
RYB	232, 207, 130
Decimal	15249026
CIELab	75.48, 15.80, 30.82
CIELCh	75, 34.634, 62.866
Yxy	49.0396, 0.4056, 0.3793
Android (android.graphics.Color)	4293439106 (0xFFE8AE82)
YUV	186.3260, -27.7687, 40.0561
Hunter-Lab	70.0283, 11.1183, 25.4740

Details

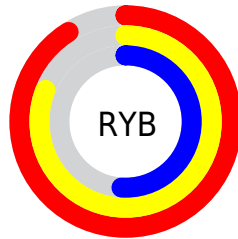
The Yxy color **49.0396, 0.4056, 0.3793** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **46.5136, 0.2436, 0.2714**, and the grayscale version is **49.4333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2725, 0.3620, 0.3767**, and **23.4969, 0.4302, 0.3908** is the 20% darker color. If you saturate the color by 10%, you get **43.6407, 0.4343, 0.3897**, and if you desaturate by 10%, it is **55.0837, 0.3796, 0.3678**.

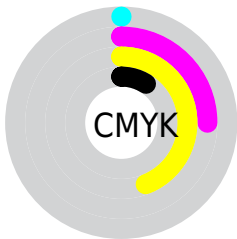
Distribution



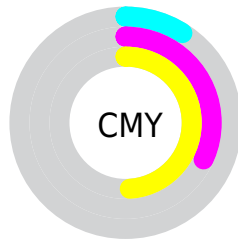
- Red (91%)
- Green (68%)
- Blue (51%)



- Red (91%)
- Yellow (81%)
- Blue (51%)



- Cyan (0%)
- Magenta (25%)
- Yellow (44%)
- Black (9%)





- Cyan (9%)
- Magenta (32%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0396, 0.4056, 0.3793 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 49.0396, 0.4056, 0.3793 by changing the saturation by 10% instead.


 49.0396, 0.4056,
0.3793


 49.0396, 0.4056,
0.3793


382.8982, 0.3595,
0.3563

 34.6509, 0.4168,
0.3843


 88.7503, 0.3891,
0.3715

 23.3941, 0.4308,
0.3901


 114.8410, 0.3828,
0.3684

 14.8848, 0.4489,
0.3970

 145.6012, 0.3775,
0.3657

 8.7385, 0.4728,
0.4047

181.4153, 0.3729,
0.3633

 4.5710, 0.5051,
0.4122

222.6677, 0.3689,
0.3612

 1.9978, 0.5694,
0.4306

269.7427, 0.3654,

 0.6062, 0.6148,

0.3594

0.3852

323.0247, 0.3623,
0.3577

0.0000, 0.0000,
0.0000

49.0396, 0.4056,
0.3793

49.0396, 0.4056,
0.3793

43.6407, 0.4343,
0.3897

55.0837, 0.3796,
0.3678

38.8560, 0.4648,
0.3979

61.7883, 0.3565,
0.3559

34.6621, 0.4957,
0.4025

69.1770, 0.3364,
0.3443

31.0308, 0.5248,
0.4023

77.2699, 0.3189,
0.3332

27.9304, 0.5499,
0.3966

86.0863, 0.3040,
0.3229

■ 26.2971, 0.5630,
0.3912

■ 94.6982, 0.2987,
0.3271

■ 95.8940, 0.2987,
0.3290

Harmonies

Analogous

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



49.0396, 0.4029, 0.3424



49.0396, 0.4056, 0.3793



49.0396, 0.3819, 0.4072

Triad

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



49.0396, 0.4056, 0.3793



49.0396, 0.2535, 0.3513



49.0396, 0.2801, 0.2563

Complementary

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



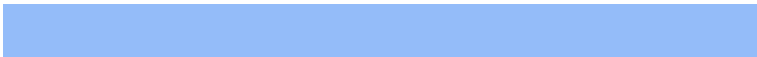
49.0396, 0.4056, 0.3793



46.5136, 0.2436, 0.2714

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.



49.0396, 0.2446, 0.2540



49.0396, 0.4056, 0.3793



49.0396, 0.2301, 0.3047

Square

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



49.0396, 0.4056, 0.3793



49.0396, 0.2934, 0.3940



49.0396, 0.2272, 0.2702



49.0396, 0.3272, 0.2746

Rectangle

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



49.0396, 0.4056, 0.3793



49.0396, 0.3555, 0.4151



49.0396, 0.2272, 0.2702



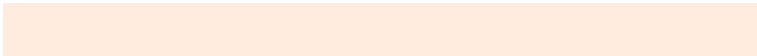
49.0396, 0.2665, 0.2536

Sweetspot

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



49.0420, 0.4056, 0.3793



86.6094, 0.3347, 0.3432



36.8068, 0.3602, 0.2626



18.0834, 0.3388, 0.3458



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.



49.0420, 0.4056, 0.3793



54.5305, 0.4322, 0.3890



71.8015, 0.3816, 0.4294



15.3862, 0.3282, 0.3392



14.8401, 0.5602, 0.3934



1.2783, 0.5347, 0.4136

Inverse Universe

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



46.5136, 0.2436, 0.2714



50.9788, 0.2298, 0.2566



28.8822, 0.2319, 0.2034



15.2399, 0.2981, 0.3186



12.6279, 0.1838, 0.1815



1.1169, 0.1903, 0.2051

Previews

White Background



This preview shows how the Yxy color 49.0396, 0.4056, 0.3793 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 49.0396, 0.4056, 0.3793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

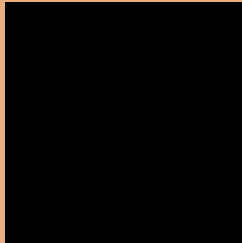
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.0396, 0.4056, 0.3793

Background



This preview shows how black text looks on a background with the Yxy color 49.0396, 0.4056, 0.3793.



This preview shows how white text looks on a background with the Yxy color 49.0396, 0.4056, 0.3793.

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

49.0396, 0.4056, 0.3793

Protanopia

49.1464, 0.3663, 0.3935

Deuteranopia

48.9554, 0.3952, 0.3869



Tritanopia

48.9372, 0.3663, 0.3146

Trichromacy



Original Color

49.0396, 0.4056, 0.3793

Protanomaly

49.1464, 0.3806, 0.3888

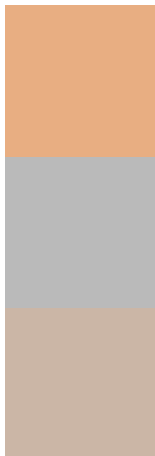
Deuteranomaly

49.1980, 0.3994, 0.3849

Tritanomaly

49.0203, 0.3806, 0.3383

Monochromacy



Original Color

49.0396, 0.4056, 0.3793

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.9056, 0.3443, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0396, 0.4056, 0.3793 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(232, 174, 130)` looks like.

```
.text, #text, p{  
    color:rgb(232, 174, 130)  
}
```

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(232, 174, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 174, 130) }
```

Border

The CSS property to change the border of an element to Yxy 49.0396, 0.4056, 0.3793 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(232, 174, 130) }
```

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

```
.border{ border-color:rgb(232, 174, 130) }
```

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

Here you see how a box with a 4 pixel rgb(232, 174, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 174, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 174, 130);  
box-shadow:4px 4px 4px 4px rgb(232, 174,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0396, 0.4056, 0.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 174, 130) }
```

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

```
.background{ background-color: rgb(232,  
174, 130) }
```

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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