

Converting Colors

$Yxy(49.5848, 0.4027, 0.3889)$

Have a look what the booklet for
Yxy(49.5848, 0.4027, 0.3889)
contains.

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Color

Yxy(49.6780, 0.4023, 0.3891)

Conversions

Conversions Part 1

Format	Color
Hex	E3B27E
RGB	227, 178, 126
RGB Percent	89%, 70%, 49%
CMY	0.1099, 0.3019, 0.5057
CMYK	0.00, 0.22, 0.44, 0.11
HSL	31°, 64%, 69%
HSV	31°, 44%, 89%
XYZ	51.3633, 49.6780, 26.6328
YIQ	186.7230, 45.8960, -5.7840

Conversions

Conversions Part 2

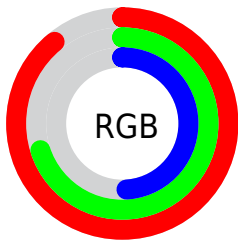
Format	Color
R _Y B	221, 227, 126
Decimal	14922366
CIE Lab	75.87, 11.27, 33.32
CIE LCh	76, 35.173, 71.318
Yxy	49.6780, 0.4023, 0.3891
Android (android.graphics.Color)	4293112446 (0xFFE3B27E)
YUV	186.7230, -29.9364, 35.3229
Hunter-Lab	70.4826, 6.7350, 26.9343

Details

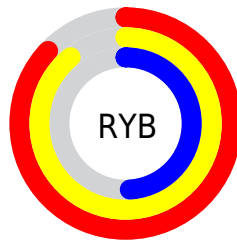
The Yxy color **49.6780, 0.4023, 0.3891** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **40.6493, 0.2408, 0.2590**, and the grayscale version is **49.6846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3603, 0.3636, 0.3846**, and **23.7351, 0.4271, 0.4020** is the 20% darker color. If you saturate the color by 10%, you get **44.9509, 0.4283, 0.4014**, and if you desaturate by 10%, it is **54.8947, 0.3782, 0.3755**.

Distribution



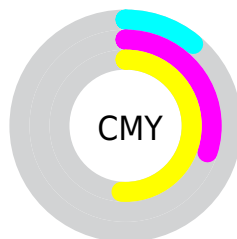
- Red (89%)
- Green (70%)
- Blue (49%)



- Red (87%)
- Yellow (89%)
- Blue (49%)



- Cyan (0%)
- Magenta (22%)
- Yellow (44%)
- Black (11%)





- Cyan (11%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6780, 0.4023, 0.3891 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 49.6780, 0.4023, 0.3891 by changing the saturation by 10% instead.


 49.6780, 0.4023,
0.3891


 49.6780, 0.4023,
0.3891


385.4054, 0.3582,
0.3611


 35.1576, 0.4128,
0.3953


 89.6976, 0.3866,
0.3795

 23.7843, 0.4260,
0.4027


 115.9656, 0.3806,
0.3757

 15.1737, 0.4428,
0.4115


 146.9183, 0.3755,
0.3724

 8.9414, 0.4647,
0.4219

182.9400, 0.3711,
0.3696

 4.7030, 0.4939,
0.4334

224.4152, 0.3672,
0.3671

 2.0741, 0.5463,
0.4537

271.7282, 0.3639,

 0.6500, 0.5790,

0.3649

0.4210

325.2635, 0.3609,
0.3629

0.0000, 0.0000,
0.0000

49.6780, 0.4023,
0.3891

49.6780, 0.4023,
0.3891

44.9509, 0.4283,
0.4014

54.8947, 0.3782,
0.3755

40.6889, 0.4553,
0.4114

60.6099, 0.3563,
0.3616

36.8756, 0.4819,
0.4176

66.8414, 0.3368,
0.3478

33.4902, 0.5067,
0.4190

73.6037, 0.3197,
0.3346

30.5091, 0.5279,
0.4149

80.9106, 0.3047,
0.3223

■ 29.0184, 0.5382,
0.4108

■ 88.3008, 0.2956,
0.3179

■ 95.0685, 0.2958,
0.3290

Harmonies

Analogous

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



49.6780, 0.4076, 0.3533



49.6780, 0.4023, 0.3891



49.6780, 0.3721, 0.4127

Triad

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



49.6780, 0.4023, 0.3891



49.6780, 0.2442, 0.3378



49.6780, 0.2924, 0.2593

Complementary

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



49.6780, 0.4023, 0.3891



40.6493, 0.2408, 0.2590

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.



49.6780, 0.2523, 0.2521



49.6780, 0.4023, 0.3891



49.6780, 0.2263, 0.2929

Square

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



49.6780, 0.4023, 0.3891



49.6780, 0.2805, 0.3842



49.6780, 0.2292, 0.2630



49.6780, 0.3412, 0.2818

Rectangle

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



49.6780, 0.4023, 0.3891



49.6780, 0.3431, 0.4160



49.6780, 0.2292, 0.2630



49.6780, 0.2775, 0.2550

Sweetspot

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



49.6804, 0.4023, 0.3891



88.2102, 0.3343, 0.3459



34.4150, 0.3704, 0.2711



18.4776, 0.3384, 0.3489



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.



49.6804, 0.4023, 0.3891



59.1928, 0.4253, 0.4001



72.7659, 0.3786, 0.4379



15.5890, 0.3280, 0.3411



17.1609, 0.5360, 0.4126



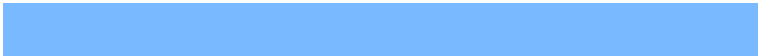
1.4540, 0.5144, 0.4298

Inverse Universe

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



40.6493, 0.2408, 0.2590



46.0763, 0.2268, 0.2419



24.9154, 0.2290, 0.1906



15.0356, 0.2981, 0.3166



9.9866, 0.1759, 0.1533



0.9234, 0.1834, 0.1802

Previews

White Background



This preview shows how the Yxy color 49.6780, 0.4023, 0.3891 looks on a white background.

Color Contrast Check

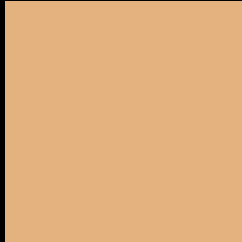
Large Text (above 18pt) WCAG AA × Fail

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 49.6780, 0.4023, 0.3891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

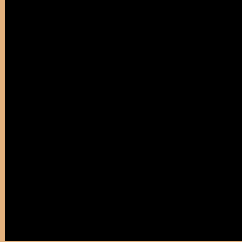
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.6780, 0.4023, 0.3891

Background



This preview shows how black text looks on a background with the Yxy color 49.6780, 0.4023, 0.3891.



This preview shows how white text looks on a background with the Yxy color 49.6780, 0.4023, 0.3891.

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

49.6780, 0.4023, 0.3891

Protanopia

49.7089, 0.3718, 0.4004

Deuteranopia

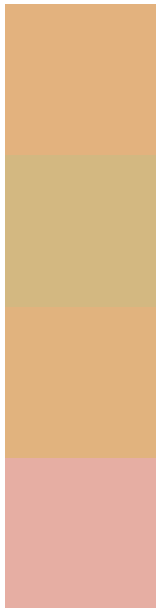
49.5939, 0.3991, 0.3909



Tritanopia

49.7423, 0.3571, 0.3144

Trichromacy



Original Color

49.6780, 0.4023, 0.3891

Protanomaly

49.7148, 0.3822, 0.3961

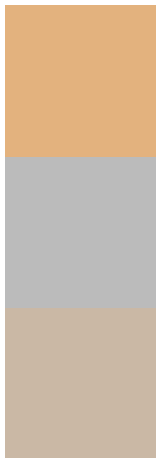
Deuteranomaly

49.7541, 0.4000, 0.3907

Tritanomaly

49.7394, 0.3737, 0.3418

Monochromacy



Original Color

49.6780, 0.4023, 0.3891

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.5541, 0.3438, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6780, 0.4023, 0.3891 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, 178, 126)` looks like.

```
.text, #text, p{  
    color:rgb(227, 178, 126)  
}
```

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, 178, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 178, 126) }
```

Border

The CSS property to change the border of an element to Yxy 49.6780, 0.4023, 0.3891 is called "border". The border property can be set on classes, ids or directly on the HTML element.

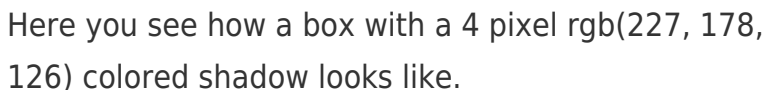
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 178, 126) }
```

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

```
.border{ border-color:rgb(227, 178, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 178, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 178, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 178, 126);  
box-shadow:4px 4px 4px 4px rgb(227, 178,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6780, 0.4023, 0.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 178, 126) }
```

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

```
.background{ background-color: rgb(227,  
178, 126) }
```

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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