

Converting Colors

$Yxy(49.5901, 0.4120, 0.3841)$

Have a look what the booklet for
Yxy(49.5901, 0.4120, 0.3841)
contains.

Yxy(49.4149, 0.4127, 0.3841)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(49.4149, 0.4127, 0.3841)

Conversions

Conversions Part 1

Format	Color
Hex	EBAE7D
RGB	235, 174, 125
RGB Percent	92%, 68%, 49%
CMY	0.0785, 0.3176, 0.5098
CMYK	0.00, 0.26, 0.47, 0.08
HSL	27°, 73%, 71%
HSV	27°, 47%, 92%
XYZ	53.0943, 49.4149, 26.1419
YIQ	186.6530, 52.0850, -2.3070

Conversions

Conversions Part 2

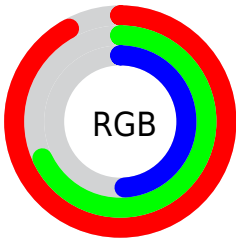
Format	Color
R_{YB}	235, 213, 125
Decimal	15445629
CIE _{Lab}	75.71, 16.49, 33.81
CIE _{LCh}	76, 37.621, 64.001
Yxy	49.4149, 0.4127, 0.3841
Android (android.graphics.Color)	4293635709 (0xFFEBAE7D)
YUV	186.6530, -30.3949, 42.4003
Hunter-Lab	70.2957, 11.8034, 27.1580

Details

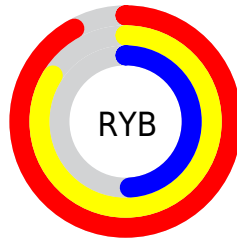
The Yxy color **49.4149, 0.4127, 0.3841** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **45.4626, 0.2389, 0.2648**, and the grayscale version is **49.6417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0680, 0.3654, 0.3818**, and **23.7742, 0.4394, 0.3963** is the 20% darker color. If you saturate the color by 10%, you get **44.0940, 0.4415, 0.3943**, and if you desaturate by 10%, it is **55.3708, 0.3862, 0.3724**.

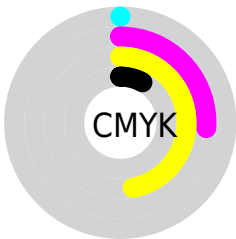
Distribution



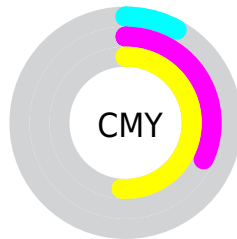
- Red (92%)
- Green (68%)
- Blue (49%)



- Red (92%)
- Yellow (84%)
- Blue (49%)



- Cyan (0%)
- Magenta (26%)
- Yellow (47%)
- Black (8%)





- Cyan (8%)
- Magenta (32%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.4149, 0.4127, 0.3841 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 49.4149, 0.4127, 0.3841 by changing the saturation by 10% instead.

 49.4149, 0.4127,
0.3841

 49.4149, 0.4127,
0.3841

384.3734, 0.3633,
0.3591

 34.9487, 0.4245,
0.3894


 89.3074, 0.3951,
0.3757

 23.6234, 0.4394,
0.3955


 115.5024, 0.3883,
0.3723

 15.0545, 0.4583,
0.4026


 146.3759, 0.3826,
0.3694

 8.8576, 0.4830,
0.4102

182.3122, 0.3777,
0.3668

 4.6484, 0.5164,
0.4176

223.6957, 0.3734,
0.3646

 2.0425, 0.5722,
0.4278

270.9108, 0.3696,

 0.6320, 0.6160,

0.3625

0.3840

324.3419, 0.3663,
0.3607

0.0000, 0.0000,
0.0000

49.4149, 0.4127,
0.3841

49.4149, 0.4127,
0.3841

44.0940, 0.4415,
0.3943

55.3708, 0.3862,
0.3724

39.3768, 0.4717,
0.4019

61.9771, 0.3625,
0.3602

35.2399, 0.5017,
0.4056

69.2571, 0.3417,
0.3481

31.6546, 0.5292,
0.4041

77.2311, 0.3236,
0.3365

28.5876, 0.5523,
0.3972

85.9181, 0.3080,
0.3256

■ 27.7049, 0.5590,
0.3943

■ 94.6082, 0.3005,
0.3262

■ 96.3991, 0.3005,
0.3290

Harmonies

Analogous

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



49.4149, 0.4112, 0.3445



49.4149, 0.4127, 0.3841



49.4149, 0.3858, 0.4141

Triad

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



49.4149, 0.4127, 0.3841



49.4149, 0.2474, 0.3510



49.4149, 0.2791, 0.2513

Complementary

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



49.4149, 0.4127, 0.3841



45.4626, 0.2389, 0.2648

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.



49.4149, 0.2404, 0.2480



49.4149, 0.4127, 0.3841



49.4149, 0.2233, 0.3006

Square

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



49.4149, 0.4127, 0.3841



49.4149, 0.2897, 0.3985



49.4149, 0.2210, 0.2643



49.4149, 0.3302, 0.2716

Rectangle

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



49.4149, 0.4127, 0.3841



49.4149, 0.3568, 0.4226



49.4149, 0.2210, 0.2643



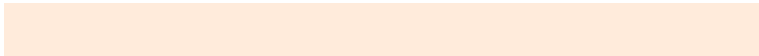
49.4149, 0.2643, 0.2482

Sweetspot

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



49.4173, 0.4127, 0.3841



85.9269, 0.3365, 0.3449



35.9287, 0.3667, 0.2604



17.9597, 0.3406, 0.3474



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.



49.4173, 0.4127, 0.3841



53.4214, 0.4399, 0.3938



74.4342, 0.3851, 0.4369



16.1591, 0.3282, 0.3395



15.6677, 0.5563, 0.3965



1.4196, 0.5327, 0.4152

Inverse Universe

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



45.4626, 0.2389, 0.2648



48.0977, 0.2250, 0.2490



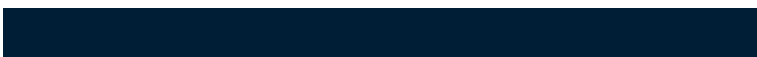
26.9506, 0.2255, 0.1914



15.9337, 0.2981, 0.3182



12.5231, 0.1824, 0.1765



1.1749, 0.1888, 0.1995

Previews

White Background



This preview shows how the Yxy color 49.4149, 0.4127, 0.3841 looks on a white background.

Color Contrast Check

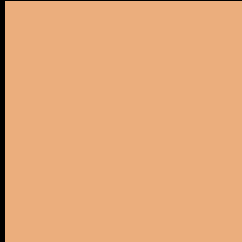
Large Text (above 18pt) WCAG AA × Fail

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 49.4149, 0.4127, 0.3841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

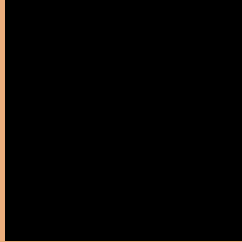
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.4149, 0.4127, 0.3841

Background



This preview shows how black text looks on a background with the Yxy color 49.4149, 0.4127, 0.3841.



This preview shows how white text looks on a background with the Yxy color 49.4149, 0.4127, 0.3841.

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

49.4149, 0.4127, 0.3841

Protanopia

49.7089, 0.3718, 0.4004

Deuteranopia

49.5427, 0.4007, 0.3932



Tritanopia

49.4580, 0.3691, 0.3148

Trichromacy



Original Color

49.4149, 0.4127, 0.3841

Protanomaly

49.3106, 0.3867, 0.3943

Deuteranomaly

49.3935, 0.4055, 0.3900

Tritanomaly

49.4647, 0.3853, 0.3404

Monochromacy



Original Color

49.4149, 0.4127, 0.3841

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.9736, 0.3469, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4149, 0.4127, 0.3841 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(235, 174, 125)` looks like.

```
.text, #text, p{  
    color:rgb(235, 174, 125)  
}
```

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(235, 174, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 174, 125) }
```

Border

The CSS property to change the border of an element to Yxy 49.4149, 0.4127, 0.3841 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(235, 174, 125) }
```

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

```
.border{ border-color:rgb(235, 174, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 174, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 174, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 174, 125);  
box-shadow:4px 4px 4px 4px rgb(235, 174,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4149, 0.4127, 0.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 174, 125) }
```

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

```
.background{ background-color: rgb(235,  
174, 125) }
```

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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