

Converting Colors

$Yxy(48.2869, 0.4128, 0.3944)$

Have a look what the booklet for
Yxy(48.2869, 0.4128, 0.3944)
contains.

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Color

Yxy(48.0504, 0.4132, 0.3944)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E4AE75 |
| RGB | 228, 174, 117 |
| RGB Percent | 89%, 68%, 46% |
| CMY | 0.1059, 0.3176, 0.5413 |
| CMYK | 0.00, 0.24, 0.49, 0.11 |
| HSL | 31°, 67%, 68% |
| HSV | 31°, 49%, 89% |
| XYZ | 50.3408, 48.0504, 23.4404 |
| YIQ | 183.6480, 50.4810, -6.2790 |

Conversions

Conversions Part 2

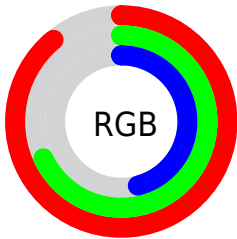
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 222, 228, 117 |
| Decimal | 14986869 |
| CIE Lab | 74.86, 12.92, 36.78 |
| CIE LCh | 75, 38.985, 70.648 |
| Yxy | 48.0504, 0.4132, 0.3944 |
| Android (android.graphics.Color) | 4293176949 (0xFFE4AE75) |
| YUV | 183.6480, -32.8575, 38.8967 |
| Hunter-Lab | 69.3184, 8.3242, 28.4736 |

Details

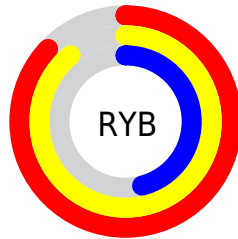
The Yxy color **48.0504, 0.4132, 0.3944** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.4930, 0.2341, 0.2511**, and the grayscale version is **47.8920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2009, 0.3711, 0.3890**, and **22.8704, 0.4396, 0.4095** is the 20% darker color. If you saturate the color by 10%, you get **43.4713, 0.4398, 0.4058**, and if you desaturate by 10%, it is **53.1184, 0.3882, 0.3813**.

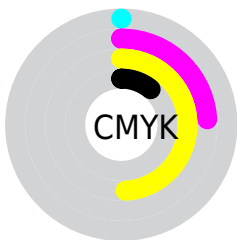
Distribution



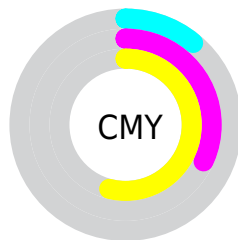
- Red (89%)
- Green (68%)
- Blue (46%)



- Red (87%)
- Yellow (89%)
- Blue (46%)



- Cyan (0%)
- Magenta (24%)
- Yellow (49%)
- Black (11%)





- Cyan (11%)
- Magenta (32%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0504, 0.4132, 0.3944 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 48.0504, 0.4132, 0.3944 by changing the saturation by 10% instead.


 48.0504, 0.4132,
0.3944

 48.0504, 0.4132,
0.3944


378.9919, 0.3637,
0.3642

 33.8668, 0.4250,
0.4009


 87.2794, 0.3956,
0.3842

 22.7913, 0.4396,
0.4085


 113.0937, 0.3888,
0.3801

 14.4395, 0.4582,
0.4173


 143.5536, 0.3831,
0.3766

 8.4270, 0.4820,
0.4271

179.0435, 0.3781,
0.3735

 4.3693, 0.5172,
0.4400

219.9479, 0.3738,
0.3707

 1.8822, 0.5566,
0.4434

266.6512, 0.3700,

 0.5377, 0.6058,

0.3683

0.3942

319.5377, 0.3666,
0.3661

0.0000, 0.0000,
0.0000

48.0504, 0.4132,
0.3944

48.0504, 0.4132,
0.3944

43.4713, 0.4398,
0.4058

53.1184, 0.3882,
0.3813

39.3559, 0.4669,
0.4143

58.6853, 0.3653,
0.3674

35.6869, 0.4930,
0.4186


64.7691, 0.3448,
0.3535


32.4419, 0.5165,
0.4177

71.3850, 0.3267,
0.3401

29.5921, 0.5362,
0.4115

78.5472, 0.3108,
0.3274

 29.2464, 0.5386,
0.4105

 86.2694, 0.2969,
0.3156

 93.0967, 0.2963,
0.3256

 95.2344, 0.2964,
0.3290

Harmonies

Analogous

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



48.0504, 0.4189, 0.3542



48.0504, 0.4132, 0.3944



48.0504, 0.3796, 0.4222

Triad

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



48.0504, 0.4132, 0.3944



48.0504, 0.2371, 0.3397



48.0504, 0.2886, 0.2514

Complementary

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



48.0504, 0.4132, 0.3944



38.4930, 0.2341, 0.2511

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.



48.0504, 0.2447, 0.2437



48.0504, 0.4132, 0.3944



48.0504, 0.2171, 0.2890

Square

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



48.0504, 0.4132, 0.3944



48.0504, 0.2775, 0.3925



48.0504, 0.2198, 0.2558



48.0504, 0.3432, 0.2758

Rectangle

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



48.0504, 0.4132, 0.3944



48.0504, 0.3472, 0.4271



48.0504, 0.2198, 0.2558



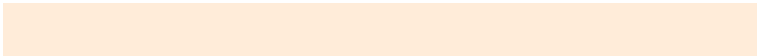
48.0504, 0.2722, 0.2468

Sweetspot

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



48.0527, 0.4132, 0.3944



86.4779, 0.3380, 0.3486



32.2066, 0.3785, 0.2659



18.1304, 0.3419, 0.3515



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.



48.0527, 0.4132, 0.3944



56.2225, 0.4389, 0.4055



73.2661, 0.3842, 0.4471



15.5863, 0.3280, 0.3411



17.1261, 0.5363, 0.4123



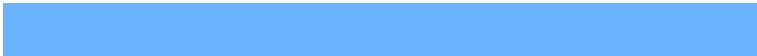
1.4514, 0.5147, 0.4295

Inverse Universe

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



38.4930, 0.2341, 0.2511



42.6013, 0.2193, 0.2321



22.0962, 0.2198, 0.1754



15.0383, 0.2981, 0.3166



10.0190, 0.1760, 0.1536



0.9258, 0.1835, 0.1805

Previews

White Background



This preview shows how the Yxy color 48.0504, 0.4132, 0.3944 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 48.0504, 0.4132, 0.3944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

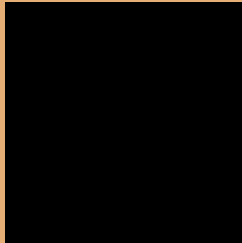
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.0504, 0.4132, 0.3944

Background



This preview shows how black text looks on a background with the Yxy color 48.0504, 0.4132, 0.3944.



This preview shows how white text looks on a background with the Yxy color 48.0504, 0.4132, 0.3944.

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

48.0504, 0.4132, 0.3944

Protanopia

47.9408, 0.3784, 0.4085

Deuteranopia

47.9996, 0.4082, 0.3990



Tritanopia

48.0195, 0.3648, 0.3145

Trichromacy



Original Color

48.0504, 0.4132, 0.3944

Protanomaly

47.7002, 0.3905, 0.4024

Deuteranomaly

47.9285, 0.4106, 0.3973

Tritanomaly

47.9320, 0.3839, 0.3441

Monochromacy



Original Color

48.0504, 0.4132, 0.3944

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.4599, 0.3471, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0504, 0.4132, 0.3944 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(228, 174, 117)` looks like.

```
.text, #text, p{  
    color:rgb(228, 174, 117)  
}
```

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(228, 174, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 174, 117) }
```

Border

The CSS property to change the border of an element to Yxy 48.0504, 0.4132, 0.3944 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(228, 174, 117) }
```

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

```
.border{ border-color:rgb(228, 174, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 174, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 174, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 174, 117);  
box-shadow:4px 4px 4px 4px rgb(228, 174,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0504, 0.4132, 0.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 174, 117) }
```

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

```
.background{ background-color: rgb(228,  
174, 117) }
```

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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