

# Converting Colors

$Yxy(48.4338, 0.4049, 0.3606)$

Have a look what the booklet for  
Yxy(48.4338, 0.4049, 0.3606)  
contains.

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# Color

**Yxy(48.6497, 0.4045, 0.3605)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFA98D
RGB	239, 169, 141
RGB Percent	94%, 66%, 55%
CMY	0.0628, 0.3372, 0.4470
CMYK	0.00, 0.29, 0.41, 0.06
HSL	17°, 75%, 75%
HSV	17°, 41%, 94%
XYZ	54.5875, 48.6497, 31.7134
YIQ	186.7380, 50.7080, 6.1320

# Conversions

## Conversions Part 2

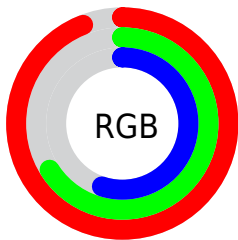
Format	Color
RYB	239, 180, 141
Decimal	15706509
CIELab	75.23, 22.37, 24.72
CIELCh	75, 33.340, 47.866
Yxy	48.6497, 0.4045, 0.3605
Android (android.graphics.Color)	4293896589 (0xFFEFA98D)
YUV	186.7380, -22.5488, 45.8338
Hunter-Lab	69.7493, 17.6371, 21.8668

# Details

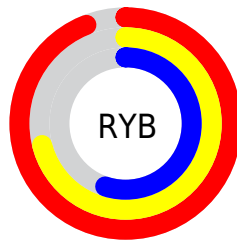
The Yxy color **48.6497, 0.4045, 0.3605** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **58.4670, 0.2510, 0.2944**, and the grayscale version is **49.6479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0506, 0.3549, 0.3596**, and **23.3017, 0.4296, 0.3666** is the 20% darker color. If you saturate the color by 10%, you get **42.0742, 0.4371, 0.3676**, and if you desaturate by 10%, it is **56.2122, 0.3761, 0.3526**.

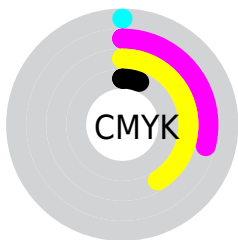
# Distribution



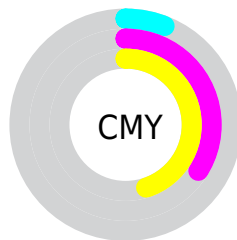
- Red (94%)
- Green (66%)
- Blue (55%)



- Red (94%)
- Yellow (71%)
- Blue (55%)



- Cyan (0%)
- Magenta (29%)
- Yellow (41%)
- Black (6%)




- Cyan (6%)
- Magenta (34%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 48.6497, 0.4045, 0.3605 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 48.6497, 0.4045, 0.3605 by changing the saturation by 10% instead.





 48.6497, 0.4045,  
0.3605


 48.6497, 0.4045,  
0.3605


381.3616, 0.3586,  
0.3467


 34.3417, 0.4158,  
0.3633


 88.1710, 0.3879,  
0.3559

 23.1562, 0.4302,  
0.3665


 114.1530, 0.3816,  
0.3541

 14.7089, 0.4490,  
0.3701


 144.7951, 0.3763,  
0.3525

 8.6153, 0.4744,  
0.3737

180.4818, 0.3718,  
0.3510

 4.4911, 0.5102,  
0.3762

221.5974, 0.3678,  
0.3497

 1.9519, 0.5882,  
0.3903

268.5263, 0.3644,

 0.5793, 0.6597,

0.3486

321.6529, 0.3613,  
0.3476

0.3403

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

48.6497, 0.4045,  
0.3605

48.6497, 0.4045,  
0.3605

42.0742, 0.4371,  
0.3676

56.2122, 0.3761,  
0.3526

36.4369, 0.4733,  
0.3731

64.7938, 0.3519,  
0.3447

31.6949, 0.5113,  
0.3758

74.4338, 0.3314,  
0.3370

27.7993, 0.5482,  
0.3744

85.1674, 0.3143,  
0.3297

■ 24.6955, 0.5800,  
0.3685

■ 96.6690, 0.3029,  
0.3283

■ 22.5209, 0.6023,  
0.3600

■ 97.0873, 0.3029,  
0.3290

# Harmonies

## Analogous

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



48.6497, 0.3883, 0.3237



48.6497, 0.4045, 0.3605



48.6497, 0.3938, 0.3930

# Triad

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



48.6497, 0.4045, 0.3605



48.6497, 0.2733, 0.3727



48.6497, 0.2621, 0.2553

# Complementary

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



48.6497, 0.4045, 0.3605



58.4670, 0.2510, 0.2944

# 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.



48.6497, 0.2360, 0.2620



48.6497, 0.4045, 0.3605



48.6497, 0.2418, 0.3275

# Square

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



48.6497, 0.4045, 0.3605



48.6497, 0.3168, 0.4049



48.6497, 0.2288, 0.2870



48.6497, 0.3032, 0.2657



# Rectangle

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



48.6497, 0.4045, 0.3605



48.6497, 0.3739, 0.4074



48.6497, 0.2288, 0.2870



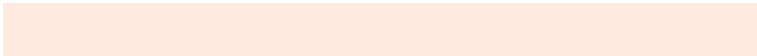
48.6497, 0.2515, 0.2556

# Sweetspot

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



48.6521, 0.4045, 0.3605



85.0255, 0.3334, 0.3377



42.1123, 0.3430, 0.2538



17.8740, 0.3359, 0.3387



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.



48.6521, 0.4045, 0.3605



50.0630, 0.4309, 0.3664



70.2849, 0.3825, 0.4110



16.4948, 0.3286, 0.3358



12.6411, 0.5995, 0.3622



1.2154, 0.5737, 0.3826

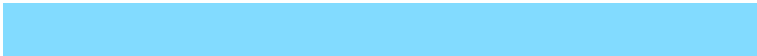


# Inverse Universe

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



58.4670, 0.2510, 0.2944



62.7775, 0.2401, 0.2861



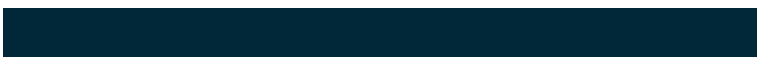
37.8163, 0.2407, 0.2303



17.1208, 0.2981, 0.3221



19.7058, 0.1981, 0.2332



1.8082, 0.2020, 0.2473



# Previews

## White Background



This preview shows how the Yxy color 48.6497, 0.4045, 0.3605 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

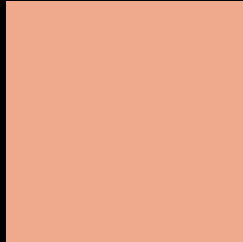
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 48.6497, 0.4045, 0.3605 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

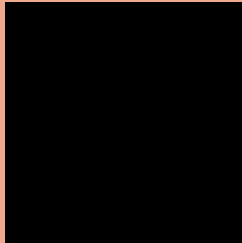
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 48.6497, 0.4045, 0.3605**

## Background



This preview shows how black text looks on a background with the Yxy color 48.6497, 0.4045, 0.3605.



This preview shows how white text looks on a background with the Yxy color 48.6497, 0.4045, 0.3605.

# 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

48.6497, 0.4045, 0.3605

### Protanopia

48.7064, 0.3532, 0.3763

### Deuteranopia

48.7649, 0.3837, 0.3758



## Tritanopia

48.5628, 0.3756, 0.3160

# Trichromacy



## Original Color

48.6497, 0.4045, 0.3605

## Protanomaly

48.2816, 0.3715, 0.3708

## Deuteranomaly

48.7221, 0.3906, 0.3701

## Tritanomaly

48.6176, 0.3866, 0.3326

# Monochromacy



## Original Color

48.6497, 0.4045, 0.3605

## Achromatopsia

49.6933, 0.3127, 0.3290

## Achromatomaly

48.6666, 0.3440, 0.3414

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 48.6497, 0.4045, 0.3605 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(239, 169, 141)` looks like.

```
.text, #text, p{  
    color:rgb(239, 169, 141)  
}
```

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(239, 169, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 169, 141) }
```

## Border

The CSS property to change the border of an element to Yxy 48.6497, 0.4045, 0.3605 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(239, 169, 141) }
```

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

```
.border{ border-color:rgb(239, 169, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 169, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 169, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 169, 141);  
box-shadow:4px 4px 4px 4px rgb(239, 169,  
141) }
```



# Background

The CSS property to change the background color of an element to Yxy 48.6497, 0.4045, 0.3605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 169, 141) }
```

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

```
.background{ background-color: rgb(239,  
169, 141) }
```

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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