

# Converting Colors

Yxy(50.6172, 0.4030, 0.3922)

Have a look what the booklet for  
Yxy(50.6172, 0.4030, 0.3922)  
contains.

<b>Yxy(50.6172, 0.4030, 0.3922)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(50.6172, 0.4030, 0.3922)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E4B47D
RGB	228, 180, 125
RGB Percent	89%, 71%, 49%
CMY	0.1060, 0.2940, 0.5098
CMYK	0.00, 0.21, 0.45, 0.11
HSL	32°, 66%, 69%
HSV	32°, 45%, 89%
XYZ	52.0110, 50.6172, 26.4314
YIQ	188.0820, 46.2630, -6.9290

# Conversions

## Conversions Part 2

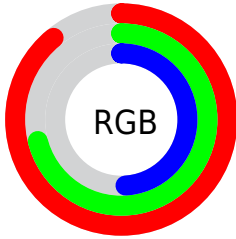
Format	Color
R <sub>Y</sub> B	215, 228, 125
Decimal	14988413
CIE Lab	76.45, 10.49, 34.63
CIE LCh	76, 36.183, 73.145
Yxy	50.6172, 0.4030, 0.3922
Android (android.graphics.Color)	4293178493 (0xFFE4B47D)
YUV	188.0820, -31.0994, 35.0081
Hunter-Lab	71.1458, 5.9872, 27.7752

# Details

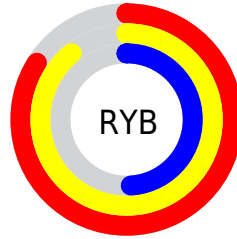
The Yxy color **50.6172, 0.4030, 0.3922** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.8304, 0.2392, 0.2548**, and the grayscale version is **50.4992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4653, 0.3637, 0.3875**, and **24.2328, 0.4263, 0.4062** is the 20% darker color. If you saturate the color by 10%, you get **45.9779, 0.4284, 0.4048**, and if you desaturate by 10%, it is **55.7234, 0.3792, 0.3782**.

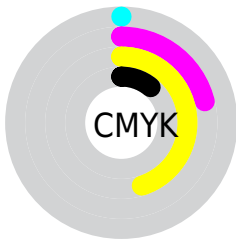
# Distribution



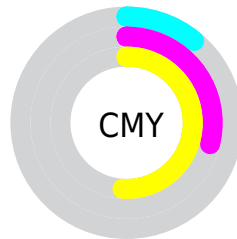
- Red (89%)
- Green (71%)
- Blue (49%)



- Red (84%)
- Yellow (89%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (45%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 50.6172, 0.4030, 0.3922 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 50.6172, 0.4030, 0.3922 by changing the saturation by 10% instead.




 50.6172, 0.4030,  
0.3922

 50.6172, 0.4030,  
0.3922


389.0747, 0.3588,  
0.3628

 35.9041, 0.4135,  
0.3987


 91.0887, 0.3873,  
0.3821

 24.3601, 0.4265,  
0.4064


 117.6158, 0.3813,  
0.3782

 15.6010, 0.4431,  
0.4156


 148.8497, 0.3762,  
0.3747

 9.2422, 0.4644,  
0.4265

185.1748, 0.3717,  
0.3717

 4.8995, 0.4928,  
0.4386

226.9754, 0.3679,  
0.3691

 2.1884, 0.5415,  
0.4585

274.6360, 0.3645,

 0.7137, 0.5679,

0.3667

0.4321

328.5410, 0.3615,  
0.3647

0.0000, 0.0000,  
0.0000

50.6172, 0.4030,  
0.3922

50.6172, 0.4030,  
0.3922

45.9779, 0.4284,  
0.4048

55.7234, 0.3792,  
0.3782

41.7818, 0.4546,  
0.4150

61.3047, 0.3575,  
0.3638

38.0131, 0.4803,  
0.4213


67.3781, 0.3380,  
0.3495


34.6518, 0.5039,  
0.4228

73.9575, 0.3208,  
0.3358

31.6750, 0.5239,  
0.4187

81.0560, 0.3057,  
0.3229

 30.3598, 0.5325,  
0.4154

 88.2413, 0.2962,  
0.3176

 94.8059, 0.2964,  
0.3283

 95.2292, 0.2964,  
0.3290

# Harmonies

## Analogous

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



50.6172, 0.4102, 0.3561



50.6172, 0.4030, 0.3922



50.6172, 0.3709, 0.4154

# Triad

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



50.6172, 0.4030, 0.3922



50.6172, 0.2411, 0.3349



50.6172, 0.2948, 0.2589

# Complementary

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



50.6172, 0.4030, 0.3922



39.8304, 0.2392, 0.2548

# 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.



50.6172, 0.2531, 0.2504



50.6172, 0.4030, 0.3922



50.6172, 0.2241, 0.2896

# Square

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



50.6172, 0.4030, 0.3922



50.6172, 0.2771, 0.3830



50.6172, 0.2284, 0.2603



50.6172, 0.3449, 0.2826



# Rectangle

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



50.6172, 0.4030, 0.3922



50.6172, 0.3407, 0.4177



50.6172, 0.2284, 0.2603



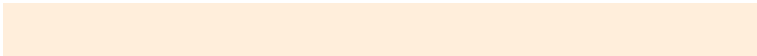
50.6172, 0.2794, 0.2542

# Sweetspot

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



50.6196, 0.4030, 0.3922



87.7575, 0.3360, 0.3480



34.1765, 0.3757, 0.2740



18.4048, 0.3400, 0.3510



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.



50.6196, 0.4030, 0.3922



59.7571, 0.4263, 0.4039



72.8848, 0.3769, 0.4406



15.6368, 0.3279, 0.3416



17.7756, 0.5303, 0.4171



1.4991, 0.5097, 0.4335



# Inverse Universe

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



39.8304, 0.2392, 0.2548



44.2449, 0.2245, 0.2363



24.8910, 0.2299, 0.1889



14.9881, 0.2981, 0.3161



9.4408, 0.1742, 0.1469



0.8821, 0.1818, 0.1745



# Previews

## White Background



This preview shows how the Yxy color 50.6172, 0.4030, 0.3922 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 50.6172, 0.4030, 0.3922 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

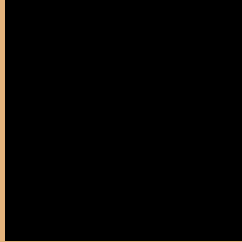
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 50.6172, 0.4030, 0.3922**

## Background



This preview shows how black text looks on a background with the Yxy color 50.6172, 0.4030, 0.3922.



This preview shows how white text looks on a background with the Yxy color 50.6172, 0.4030, 0.3922.

# 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

50.6172, 0.4030, 0.3922

### Protanopia

50.8175, 0.3736, 0.4034

### Deuteranopia

50.8593, 0.4016, 0.3935



## Tritanopia

50.5426, 0.3568, 0.3134

# Trichromacy



## Original Color

50.6172, 0.4030, 0.3922

## Protanomaly

50.8225, 0.3839, 0.3990

## Deuteranomaly

50.8593, 0.4016, 0.3935

## Tritanomaly

50.4961, 0.3743, 0.3417

# Monochromacy



## Original Color

50.6172, 0.4030, 0.3922

## Achromatopsia

50.2886, 0.3127, 0.3290

## Achromatomaly

50.1110, 0.3445, 0.3539

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 50.6172, 0.4030, 0.3922 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, 180, 125)` looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 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(228, 180, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 125) }
```

## Border

The CSS property to change the border of an element to Yxy 50.6172, 0.4030, 0.3922 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, 180, 125) }
```

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

```
.border{ border-color:rgb(228, 180, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 180, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 180, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 180, 125);  
box-shadow:4px 4px 4px 4px rgb(228, 180,  
125) }
```



# Background

The CSS property to change the background color of an element to Yxy 50.6172, 0.4030, 0.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 180, 125) }
```

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

```
.background{ background-color: rgb(228,  
180, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor