

# Converting Colors

Yxy(52.5278, 0.4073, 0.4019)

Have a look what the booklet for  
Yxy(52.5278, 0.4073, 0.4019)  
contains.

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# Color

**Yxy(52.4359, 0.4075, 0.4024)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6B877
RGB	230, 184, 119
RGB Percent	90%, 72%, 47%
CMY	0.0981, 0.2784, 0.5334
CMYK	0.00, 0.20, 0.48, 0.10
HSL	35°, 69%, 68%
HSV	35°, 48%, 90%
XYZ	53.1005, 52.4359, 24.7715
YIQ	190.3440, 48.2810, -10.4630

# Conversions

## Conversions Part 2

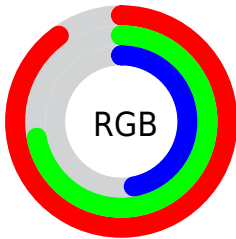
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 230, 119
Decimal	15120503
CIE <sub>Lab</sub>	77.54, 8.61, 39.18
CIE <sub>LCh</sub>	78, 40.118, 77.606
Yxy	52.4359, 0.4075, 0.4024
Android (android.graphics.Color)	4293310583 (0xFFE6B877)
YUV	190.3440, -35.1726, 34.7783
Hunter-Lab	72.4126, 4.1726, 30.4064

# Details

The Yxy color **52.4359, 0.4075, 0.4024** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.5331, 0.2326, 0.2405**, and the grayscale version is **51.8877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5587, 0.3664, 0.3972**, and **25.4329, 0.4310, 0.4183** is the 20% darker color. If you saturate the color by 10%, you get **48.1251, 0.4315, 0.4155**, and if you desaturate by 10%, it is **57.1520, 0.3845, 0.3875**.

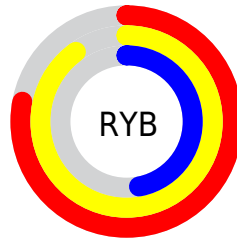
# Distribution



Red (90%)

Green (72%)

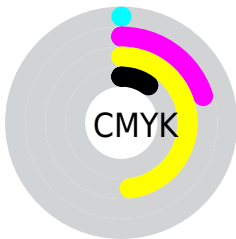
Blue (47%)



Red (78%)

Yellow (90%)

Blue (47%)

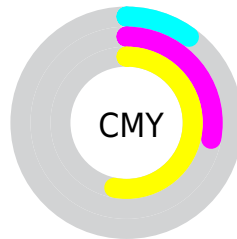


Cyan (0%)

Magenta (20%)

Yellow (48%)

Black (10%)



Cyan (10%)

Magenta (28%)


Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4359, 0.4075, 0.4024 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 52.4359, 0.4075, 0.4024 by changing the saturation by 10% instead.




 52.4359, 0.4075,  
0.4024


 52.4359, 0.4075,  
0.4024


396.1171, 0.3617,  
0.3684

 37.3526, 0.4181,  
0.4098


 93.7738, 0.3914,  
0.3908

 25.4806, 0.4311,  
0.4185


 120.7972, 0.3852,  
0.3862

 16.4355, 0.4473,  
0.4289


 152.5694, 0.3799,  
0.3823

 9.8329, 0.4677,  
0.4408

189.4749, 0.3753,  
0.3788

 5.2883, 0.4949,  
0.4551

231.8981, 0.3712,  
0.3757

 2.4174, 0.5307,  
0.4693

280.2232, 0.3677,


 0.8348, 0.5485,


0.3730


0.4515


334.8348, 0.3646,  
0.3706


 0.0000, 0.0000,  
0.0000


 52.4359, 0.4075,  
0.4024

 52.4359, 0.4075,  
0.4024

 48.1251, 0.4315,  
0.4155


 57.1520, 0.3845,  
0.3875


 44.1970, 0.4554,  
0.4257

 62.2798, 0.3630,  
0.3719


 40.6377, 0.4781,  
0.4317

 67.8347, 0.3434,  
0.3562

 37.4284, 0.4981,  
0.4326

 73.8290, 0.3258,  
0.3410

 34.5446, 0.5147,  
0.4283

 80.2744, 0.3101,  
0.3266

■ 34.0717, 0.5174,  
0.4273

■ 87.0535, 0.2974,  
0.3150

■ 92.8474, 0.2975,  
0.3247

■ 95.5613, 0.2976,  
0.3290

# Harmonies

## Analogous

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



52.4359, 0.4204, 0.3640



52.4359, 0.4075, 0.4024



52.4359, 0.3689, 0.4254

# Triad

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



52.4359, 0.4075, 0.4024



52.4359, 0.2305, 0.3270



52.4359, 0.3008, 0.2558

# Complementary

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



52.4359, 0.4075, 0.4024



36.5331, 0.2326, 0.2405

# 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.



52.4359, 0.2534, 0.2439



52.4359, 0.4075, 0.4024



52.4359, 0.2157, 0.2795

# Square

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



52.4359, 0.4075, 0.4024



52.4359, 0.2666, 0.3812



52.4359, 0.2237, 0.2511



52.4359, 0.3558, 0.2834



# Rectangle

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



52.4359, 0.4075, 0.4024



52.4359, 0.3350, 0.4253



52.4359, 0.2237, 0.2511



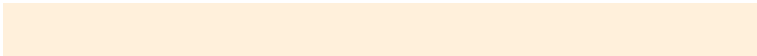
52.4359, 0.2834, 0.2499

# Sweetspot

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



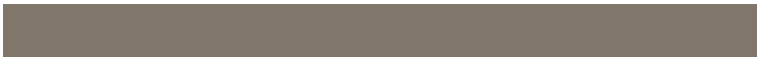
52.4384, 0.4075, 0.4024



88.8354, 0.3358, 0.3497



32.7380, 0.3889, 0.2765



18.6675, 0.3397, 0.3531



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.



52.4384, 0.4075, 0.4024



60.7897, 0.4316, 0.4156



73.2510, 0.3765, 0.4495



15.7639, 0.3278, 0.3428



19.5380, 0.5155, 0.4289



1.6260, 0.4976, 0.4431

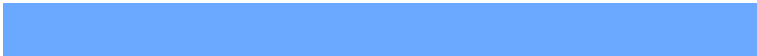


# Inverse Universe

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



36.5331, 0.2326, 0.2405



38.4920, 0.2161, 0.2178



23.5118, 0.2273, 0.1793



14.8630, 0.2981, 0.3149



8.1240, 0.1697, 0.1309



0.7800, 0.1777, 0.1597



# Previews

## White Background



This preview shows how the Yxy color 52.4359, 0.4075, 0.4024 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 52.4359, 0.4075, 0.4024 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 52.4359, 0.4075, 0.4024**

## **Background**



This preview shows how black text looks on a background with the Yxy color 52.4359, 0.4075, 0.4024.



This preview shows how white text looks on a background with the Yxy color 52.4359, 0.4075, 0.4024.

# 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

52.4359, 0.4075, 0.4024

### Protanopia

52.6597, 0.3821, 0.4136

### Deuteranopia

52.3547, 0.4099, 0.4008



## Tritanopia

52.1669, 0.3553, 0.3136

# Trichromacy



**Original Color**

52.4359, 0.4075, 0.4024

**Protanomaly**

52.5274, 0.3916, 0.4092

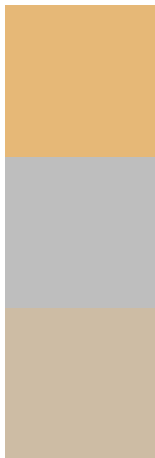
**Deuteranomaly**

52.1878, 0.4090, 0.4011

**Tritanomaly**

52.0136, 0.3752, 0.3450

# Monochromacy



**Original Color**

52.4359, 0.4075, 0.4024

**Achromatopsia**

51.4918, 0.3127, 0.3290

**Achromatomaly**

51.6259, 0.3464, 0.3586

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.4359, 0.4075, 0.4024 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(230, 184, 119)` looks like.

```
.text, #text, p{  
    color:rgb(230, 184, 119)  
}
```

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(230, 184, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 184, 119) }
```

## Border

The CSS property to change the border of an element to Yxy 52.4359, 0.4075, 0.4024 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(230, 184, 119) }
```

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

```
.border{ border-color:rgb(230, 184, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 184, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 184, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 184, 119); box-shadow:4px 4px 4px 4px rgb(230, 184, 119) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.4359, 0.4075, 0.4024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 184, 119) }
```

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

```
.background{ background-color: rgb(230,  
184, 119) }
```

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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