

# Converting Colors

$Yxy(54.4397, 0.4005, 0.4025)$

Have a look what the booklet for  
Yxy(54.4397, 0.4005, 0.4025)  
contains.

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# Color

**Yxy(54.5084, 0.3999, 0.4026)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5BD7C
RGB	229, 189, 124
RGB Percent	90%, 74%, 49%
CMY	0.1021, 0.2588, 0.5137
CMYK	0.00, 0.17, 0.46, 0.10
HSL	37°, 67%, 69%
HSV	37°, 46%, 90%
XYZ	54.1428, 54.5084, 26.7397
YIQ	193.5500, 44.7050, -11.7350

# Conversions

## Conversions Part 2

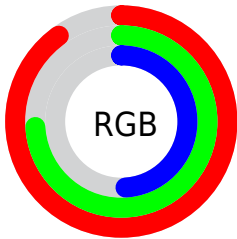
Format	Color
RYB	189, 229, 124
Decimal	15056252
CIELab	78.76, 6.04, 38.13
CIELCh	79, 38.605, 80.992
Yxy	54.5084, 0.3999, 0.4026
Android (android.graphics.Color)	4293246332 (0xFFE5BD7C)
YUV	193.5500, -34.2881, 31.0897
Hunter-Lab	73.8298, 1.7002, 30.2072

# Details

The Yxy color **54.5084, 0.3999, 0.4026** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.4815, 0.2358, 0.2408**, and the grayscale version is **53.8561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7391, 0.3618, 0.3968**, and **26.7607, 0.4204, 0.4193** is the 20% darker color. If you saturate the color by 10%, you get **50.3587, 0.4226, 0.4170**, and if you desaturate by 10%, it is **59.0231, 0.3780, 0.3867**.

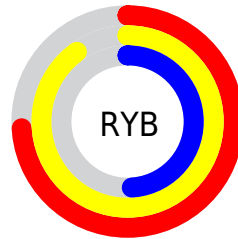
# Distribution



Red (90%)

Green (74%)

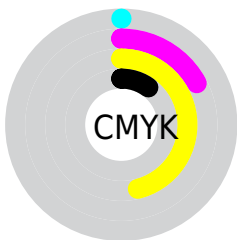
Blue (49%)



Red (74%)

Yellow (90%)

Blue (49%)

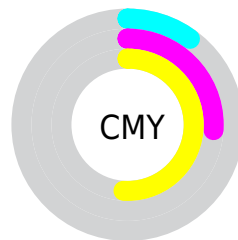


Cyan (0%)

Magenta (17%)

Yellow (46%)

Black (10%)



Cyan (10%)

Magenta (26%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5084, 0.3999, 0.4026 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 54.5084, 0.3999, 0.4026 by changing the saturation by 10% instead.




 54.5084, 0.3999,  
0.4026


 54.5084, 0.3999,  
0.4026

404.0457, 0.3581,  
0.3683

 39.0083, 0.4095,  
0.4102


 96.8203, 0.3853,  
0.3908

 26.7662, 0.4213,  
0.4193


 124.4009, 0.3796,  
0.3862

 17.3977, 0.4360,  
0.4302


 156.7771, 0.3747,  
0.3822

 10.5184, 0.4545,  
0.4433

194.3332, 0.3705,  
0.3787

 5.7440, 0.4778,  
0.4583

237.4538, 0.3668,  
0.3756

 2.6901, 0.5170,  
0.4830

286.5231, 0.3636,

 0.9722, 0.5286,

0.3729

0.4714

341.9256, 0.3607,  
0.3705

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

54.5084, 0.3999,  
0.4026

54.5084, 0.3999,  
0.4026

50.3587, 0.4226,  
0.4170

59.0231, 0.3780,  
0.3867

46.5530, 0.4453,  
0.4287

63.9076, 0.3575,  
0.3702


43.0791, 0.4668,  
0.4365


69.1759, 0.3387,  
0.3537


39.9205, 0.4860,  
0.4394


74.8388, 0.3218,  
0.3379


 37.0576, 0.5018,  
0.4371

 80.9069, 0.3066,  
0.3229

 35.9418, 0.5077,  
0.4350

 86.9711, 0.2968,  
0.3152

 92.2648, 0.2969,  
0.3240

 95.3935, 0.2970,  
0.3290

# Harmonies

## Analogous

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



54.5084, 0.4152, 0.3673



54.5084, 0.3999, 0.4026



54.5084, 0.3613, 0.4215

# Triad

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



54.5084, 0.3999, 0.4026



54.5084, 0.2317, 0.3216



54.5084, 0.3073, 0.2614

# Complementary

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



54.5084, 0.3999, 0.4026



36.4815, 0.2358, 0.2408

# 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.



54.5084, 0.2606, 0.2481



54.5084, 0.3999, 0.4026



54.5084, 0.2199, 0.2781

# Square

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



54.5084, 0.3999, 0.4026



54.5084, 0.2642, 0.3730



54.5084, 0.2300, 0.2530



54.5084, 0.3594, 0.2893



# Rectangle

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



54.5084, 0.3999, 0.4026



54.5084, 0.3284, 0.4187



54.5084, 0.2300, 0.2530



54.5084, 0.2904, 0.2551

# Sweetspot

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



54.5110, 0.3999, 0.4026



89.5436, 0.3356, 0.3509



33.7612, 0.3875, 0.2830



18.8404, 0.3395, 0.3544



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.



54.5110, 0.3999, 0.4026



64.5498, 0.4214, 0.4163



72.1889, 0.3710, 0.4450



15.8471, 0.3277, 0.3435



20.7946, 0.5060, 0.4364



1.7146, 0.4900, 0.4491



# Inverse Universe

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



36.4815, 0.2358, 0.2408



38.9053, 0.2197, 0.2185



25.3298, 0.2350, 0.1887



14.7820, 0.2981, 0.3140



7.3630, 0.1670, 0.1211



0.7189, 0.1751, 0.1503



# Previews

## White Background



This preview shows how the Yxy color 54.5084, 0.3999, 0.4026 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

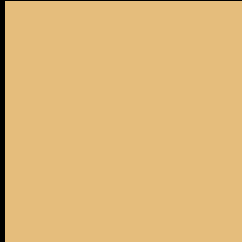
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.5084, 0.3999, 0.4026 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 54.5084, 0.3999, 0.4026**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.5084, 0.3999, 0.4026.



This preview shows how white text looks on a background with the Yxy color 54.5084, 0.3999, 0.4026.

# 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

54.5084, 0.3999, 0.4026

### Protanopia

54.5336, 0.3804, 0.4113

### Deuteranopia

54.2606, 0.4061, 0.3968



## Tritanopia

54.3704, 0.3499, 0.3136

# Trichromacy



## Original Color

54.5084, 0.3999, 0.4026

## Protanomaly

54.5260, 0.3874, 0.4087

## Deuteranomaly

54.3450, 0.4038, 0.3984

## Tritanomaly

54.0552, 0.3683, 0.3450

# Monochromacy



## Original Color

54.5084, 0.3999, 0.4026

## Achromatopsia

53.9479, 0.3127, 0.3290

## Achromatomaly

53.8292, 0.3432, 0.3570

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.5084, 0.3999, 0.4026 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(229, 189, 124)` looks like.

```
.text, #text, p{  
    color:rgb(229, 189, 124)  
}
```

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(229, 189, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 189, 124) }
```

## Border

The CSS property to change the border of an element to Yxy 54.5084, 0.3999, 0.4026 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(229, 189, 124) }
```

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

```
.border{ border-color:rgb(229, 189, 124) }
```

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

Here you see how a box with a 4 pixel rgb(229, 189, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 189, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 189, 124);  
box-shadow:4px 4px 4px 4px rgb(229, 189,  
124) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.5084, 0.3999, 0.4026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 189, 124) }
```

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

```
.background{ background-color: rgb(229,  
189, 124) }
```

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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