

# Converting Colors

Yxy(54.3832, 0.3902, 0.4217)

Have a look what the booklet for  
Yxy(54.3832, 0.3902, 0.4217)  
contains.

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# Color

**Yxy(54.5873, 0.3895, 0.4219)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6C374
RGB	214, 195, 116
RGB Percent	84%, 76%, 45%
CMY	0.1609, 0.2352, 0.5451
CMYK	0.00, 0.09, 0.46, 0.16
HSL	48°, 54%, 65%
HSV	48°, 46%, 84%
XYZ	50.3952, 54.5873, 24.4019
YIQ	191.6750, 36.6830, -20.5410

# Conversions

## Conversions Part 2

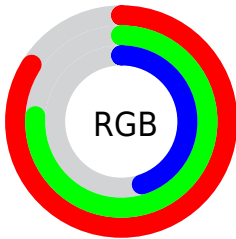
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 214, 116
Decimal	14074740
CIELab	78.80, -3.95, 41.97
CIELCh	79, 42.155, 95.370
Yxy	54.5873, 0.3895, 0.4219
Android (android.graphics.Color)	4292264820 (0xFFD6C374)
YUV	191.6750, -37.3078, 19.5790
Hunter-Lab	73.8832, -7.5420, 32.1361

# Details

The Yxy color **54.5873, 0.3895, 0.4219** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.8865, 0.2314, 0.2139**, and the grayscale version is **52.7185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1189, 0.3649, 0.4099**, and **26.9074, 0.4058, 0.4446** is the 20% darker color. If you saturate the color by 10%, you get **52.3167, 0.4066, 0.4397**, and if you desaturate by 10%, it is **57.0291, 0.3718, 0.4022**.

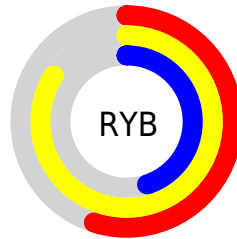
# Distribution



Red (84%)

Green (76%)

Blue (45%)



Red (55%)

Yellow (84%)

Blue (45%)

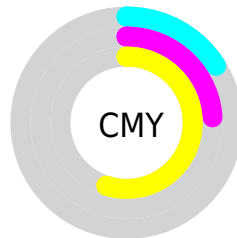


Cyan (0%)

Magenta (9%)

Yellow (46%)

Black (16%)



Cyan (16%)

Magenta (24%)


Yellow (55%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5873, 0.3895, 0.4219 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 54.5873, 0.3895, 0.4219 by changing the saturation by 10% instead.





 54.5873, 0.3895,  
0.4219


 54.5873, 0.3895,  
0.4219


404.3456, 0.3535,  
0.3775


 39.0714, 0.3975,  
0.4320


 96.9360, 0.3771,  
0.4064

 26.8153, 0.4071,  
0.4444


 124.5376, 0.3722,  
0.4004

 17.4345, 0.4186,  
0.4596

 156.9366, 0.3680,  
0.3952

 10.5448, 0.4322,  
0.4783

194.5173, 0.3644,  
0.3907

 5.7616, 0.4497,  
0.5033

237.6642, 0.3611,  
0.3868

 2.7007, 0.4674,  
0.5326

286.7616, 0.3583,

 0.9775, 0.4592,

0.3833

0.5408

342.1939, 0.3558,  
0.3802

0.0000, 0.0000,  
0.0000

54.5873, 0.3895,  
0.4219

54.5873, 0.3895,  
0.4219

52.3167, 0.4066,  
0.4397

57.0291, 0.3718,  
0.4022

50.2015, 0.4225,  
0.4546

59.6423, 0.3543,  
0.3815

48.2346, 0.4363,  
0.4657


62.4363, 0.3374,  
0.3607

46.4052, 0.4475,  
0.4722

65.4177, 0.3214,  
0.3404

44.6999, 0.4557,  
0.4741

68.5927, 0.3066,  
0.3210

 44.0092, 0.4587,  
0.4740

 71.9671, 0.2930,  
0.3027

 74.8320, 0.2869,  
0.2964

 77.0865, 0.2871,  
0.3008

 79.3956, 0.2873,  
0.3052

# Harmonies

## Analogous

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



54.5873, 0.4201, 0.3896



54.5873, 0.3895, 0.4219



54.5873, 0.3397, 0.4299

# Triad

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



54.5873, 0.3895, 0.4219



54.5873, 0.2158, 0.2956



54.5873, 0.3341, 0.2686

# Complementary

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



54.5873, 0.3895, 0.4219



25.8865, 0.2314, 0.2139

# 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.



54.5873, 0.2785, 0.2462



54.5873, 0.3895, 0.4219



54.5873, 0.2146, 0.2576

# Square

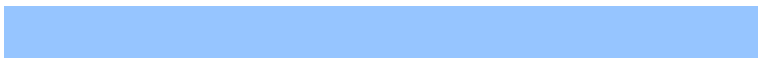
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.5873, 0.3895, 0.4219



54.5873, 0.2404, 0.3501



54.5873, 0.2363, 0.2416



54.5873, 0.3878, 0.3043



# Rectangle

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



54.5873, 0.3895, 0.4219



54.5873, 0.3028, 0.4158



54.5873, 0.2363, 0.2416



54.5873, 0.3148, 0.2594

# Sweetspot

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



54.5898, 0.3895, 0.4219



93.5791, 0.3347, 0.3573



28.5500, 0.4103, 0.3051



19.8288, 0.3383, 0.3618



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.



54.5898, 0.3895, 0.4219



77.8936, 0.4062, 0.4393



59.6086, 0.3561, 0.4507



14.0923, 0.3271, 0.3477



26.7522, 0.4580, 0.4746



1.7207, 0.4501, 0.4808



# Inverse Universe

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



25.8865, 0.2314, 0.2139



30.1657, 0.2125, 0.1845



23.4000, 0.2509, 0.1949



12.3940, 0.2982, 0.3096



4.0267, 0.1554, 0.0794



0.3592, 0.1640, 0.1104



# Previews

## White Background



This preview shows how the Yxy color 54.5873, 0.3895, 0.4219 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 54.5873, 0.3895, 0.4219 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 54.5873, 0.3895, 0.4219**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.5873, 0.3895, 0.4219.



This preview shows how white text looks on a background with the Yxy color 54.5873, 0.3895, 0.4219.

# 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

54.5873, 0.3895, 0.4219

### Protanopia

54.5873, 0.3895, 0.4219

### Deuteranopia

54.2587, 0.4124, 0.4038



## Tritanopia

54.5560, 0.3329, 0.3120

# Trichromacy



## Original Color

54.5873, 0.3895, 0.4219

## Protanomaly

54.5873, 0.3895, 0.4219

## Deuteranomaly

54.1735, 0.4044, 0.4103

## Tritanomaly

54.4754, 0.3552, 0.3526

# Monochromacy



## Original Color

54.5873, 0.3895, 0.4219

## Achromatopsia

52.7115, 0.3127, 0.3290

## Achromatomaly

53.0996, 0.3409, 0.3651

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.5873, 0.3895, 0.4219 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(214, 195, 116)` looks like.

```
.text, #text, p{  
    color:rgb(214, 195, 116)  
}
```

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(214, 195, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 195, 116) }
```

## Border

The CSS property to change the border of an element to Yxy 54.5873, 0.3895, 0.4219 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(214, 195, 116) }
```

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

```
.border{ border-color:rgb(214, 195, 116) }
```

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

Here you see how a box with a 4 pixel rgb(214, 195, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 195, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 195, 116);  
box-shadow:4px 4px 4px 4px rgb(214, 195,  
116) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.5873, 0.3895, 0.4219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 195, 116) }
```

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

```
.background{ background-color: rgb(214,  
195, 116) }
```

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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