

# Converting Colors

$Yxy(55.1371, 0.4189, 0.4046)$

Have a look what the booklet for  
Yxy(55.1371, 0.4189, 0.4046)  
contains.

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# Color

**Yxy(55.0795, 0.4184, 0.4044)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1BA74
RGB	241, 186, 116
RGB Percent	95%, 73%, 45%
CMY	0.0549, 0.2706, 0.5453
CMYK	0.00, 0.23, 0.52, 0.05
HSL	34°, 82%, 70%
HSV	34°, 52%, 95%
XYZ	56.9863, 55.0795, 24.1347
YIQ	194.4650, 55.2500, -10.1100

# Conversions

## Conversions Part 2

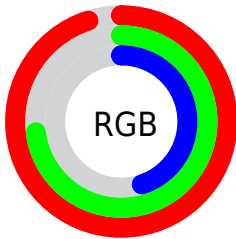
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	214, 241, 116
Decimal	15841908
CIELab	79.09, 11.76, 42.90
CIElCh	79, 44.486, 74.678
Yxy	55.0795, 0.4184, 0.4044
Android (android.graphics.Color)	4294031988 (0xFFFF1BA74)
YUV	194.4650, -38.6832, 40.8112
Hunter-Lab	74.2156, 7.1837, 32.6699

# Details

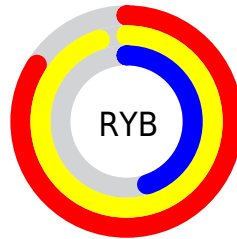
The Yxy color **55.0795, 0.4184, 0.4044** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.1677, 0.2272, 0.2365**, and the grayscale version is **54.4473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6288, 0.3677, 0.4020**, and **27.1135, 0.4433, 0.4194** is the 20% darker color. If you saturate the color by 10%, you get **50.2905, 0.4435, 0.4161**, and if you desaturate by 10%, it is **60.3506, 0.3941, 0.3906**.

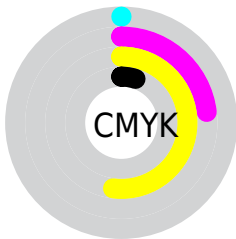
# Distribution



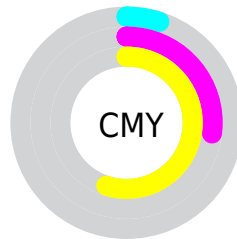
- Red (95%)
- Green (73%)
- Blue (45%)



- Red (84%)
- Yellow (95%)
- Blue (45%)



- Cyan (0%)
- Magenta (23%)
- Yellow (52%)
- Black (5%)




- Cyan (5%)
- Magenta (27%)
- Yellow (55%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0795, 0.4184, 0.4044 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 55.0795, 0.4184, 0.4044 by changing the saturation by 10% instead.





 55.0795, 0.4184,  
0.4044


 55.0795, 0.4184,  
0.4044


406.2132, 0.3679,  
0.3705


 39.4654, 0.4299,  
0.4114


 97.6574, 0.4008,  
0.3931

 27.1220, 0.4439,  
0.4196


 125.3900, 0.3940,  
0.3885

 17.6648, 0.4611,  
0.4289


 157.9309, 0.3881,  
0.3846

 10.7096, 0.4823,  
0.4389

195.6644, 0.3830,  
0.3811

 5.8719, 0.5107,  
0.4505

238.9750, 0.3785,  
0.3780

 2.7674, 0.5433,  
0.4567

288.2471, 0.3746,

 1.0115, 0.5643,

0.3752

0.4357

343.8650, 0.3711,  
0.3727

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

55.0795, 0.4184,  
0.4044

55.0795, 0.4184,  
0.4044

50.2905, 0.4435,  
0.4161

60.3506, 0.3941,  
0.3906

45.9570, 0.4684,  
0.4243


66.1130, 0.3714,  
0.3757


42.0609, 0.4915,  
0.4279

72.3853, 0.3507,  
0.3605


38.5788, 0.5115,  
0.4261

79.1828, 0.3321,  
0.3457

 36.0331, 0.5253,  
0.4211

 86.5198, 0.3156,  
0.3316

 94.0471, 0.3042,  
0.3237

 97.4420, 0.3041,  
0.3290

# Harmonies

## Analogous

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



55.0795, 0.4297, 0.3617



55.0795, 0.4184, 0.4044



55.0795, 0.3783, 0.4327

# Triad

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



55.0795, 0.4184, 0.4044



55.0795, 0.2263, 0.3322



55.0795, 0.2938, 0.2479

# Complementary

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



55.0795, 0.4184, 0.4044



39.1677, 0.2272, 0.2365

# 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.



55.0795, 0.2442, 0.2368



55.0795, 0.4184, 0.4044



55.0795, 0.2083, 0.2789

# Square

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



55.0795, 0.4184, 0.4044



55.0795, 0.2672, 0.3917



55.0795, 0.2146, 0.2464



55.0795, 0.3538, 0.2761



# Rectangle

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



55.0795, 0.4184, 0.4044



55.0795, 0.3420, 0.4356



55.0795, 0.2146, 0.2464



55.0795, 0.2755, 0.2421

# Sweetspot

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



55.0822, 0.4184, 0.4044



86.7261, 0.3396, 0.3518



34.1683, 0.3928, 0.2685



18.2220, 0.3434, 0.3549



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.



55.0822, 0.4184, 0.4044



57.0149, 0.4443, 0.4164



81.7949, 0.3837, 0.4563



17.2278, 0.3279, 0.3422



19.8121, 0.5231, 0.4229



1.8461, 0.5057, 0.4367



# Inverse Universe

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



39.1677, 0.2272, 0.2365



37.1860, 0.2112, 0.2141



22.9827, 0.2167, 0.1651



16.3727, 0.2980, 0.3154



9.2914, 0.1718, 0.1384



0.9679, 0.1788, 0.1638



# Previews

## White Background



This preview shows how the Yxy color 55.0795, 0.4184, 0.4044 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 55.0795, 0.4184, 0.4044 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 55.0795, 0.4184, 0.4044**

## **Background**



This preview shows how black text looks on a background with the Yxy color 55.0795, 0.4184, 0.4044.



This preview shows how white text looks on a background with the Yxy color 55.0795, 0.4184, 0.4044.

# 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

55.0795, 0.4184, 0.4044

### Protanopia

55.1321, 0.3861, 0.4185

### Deuteranopia

54.9787, 0.4151, 0.4062



## Tritanopia

54.9361, 0.3636, 0.3152

# Trichromacy



**Original Color**

55.0795, 0.4184, 0.4044

**Protanomaly**

54.8785, 0.3977, 0.4125

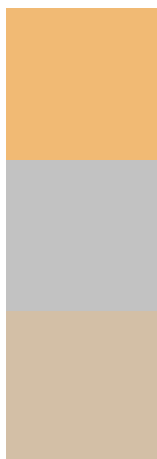
**Deuteranomaly**

55.1523, 0.4160, 0.4059

**Tritanomaly**

54.6993, 0.3852, 0.3477

# Monochromacy



**Original Color**

55.0795, 0.4184, 0.4044

**Achromatopsia**

53.9479, 0.3127, 0.3290

**Achromatomaly**

53.8637, 0.3493, 0.3592

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 55.0795, 0.4184, 0.4044 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(241, 186, 116)` looks like.

```
.text, #text, p{  
    color:rgb(241, 186, 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(241, 186, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 186, 116) }
```

## Border

The CSS property to change the border of an element to Yxy 55.0795, 0.4184, 0.4044 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(241, 186, 116) }
```

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

```
.border{ border-color:rgb(241, 186, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 186, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 186, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 186, 116); box-shadow:4px 4px 4px 4px rgb(241, 186, 116) }
```



# Background

The CSS property to change the background color of an element to Yxy 55.0795, 0.4184, 0.4044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 186, 116) }
```

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

```
.background{ background-color: rgb(241,  
186, 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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