

# Converting Colors

Yxy(53.4794, 0.4118, 0.4289)

Have a look what the booklet for  
Yxy(53.4794, 0.4118, 0.4289)  
contains.

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# Color

**Yxy(53.6138, 0.4118, 0.4287)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0BE65
RGB	224, 190, 101
RGB Percent	88%, 75%, 40%
CMY	0.1216, 0.2549, 0.6039
CMYK	0.00, 0.15, 0.55, 0.12
HSL	43°, 66%, 64%
HSV	43°, 55%, 88%
XYZ	51.5003, 53.6138, 19.9473
YIQ	190.0200, 48.8330, -20.4710

# Conversions

## Conversions Part 2

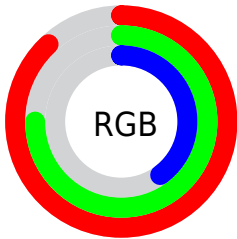
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 224, 101
Decimal	14728805
CIE <sub>Lab</sub>	78.24, 1.43, 48.89
CIE <sub>LCh</sub>	78, 48.907, 88.319
Yxy	53.6138, 0.4118, 0.4287
Android (android.graphics.Color)	4292918885 (0xFFE0BE65)
YUV	190.0200, -43.8869, 29.8005
Hunter-Lab	73.2214, -2.5897, 35.1030

# Details

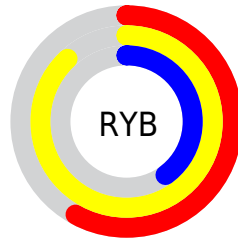
The Yxy color **53.6138, 0.4118, 0.4287** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **25.4718, 0.2165, 0.2007**, and the grayscale version is **51.7423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5046, 0.3754, 0.4199**, and **26.2286, 0.4336, 0.4505** is the 20% darker color. If you saturate the color by 10%, you get **50.6111, 0.4306, 0.4426**, and if you desaturate by 10%, it is **56.8550, 0.3923, 0.4121**.

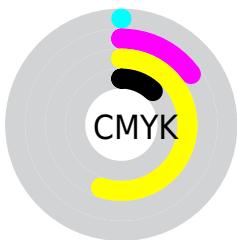
# Distribution



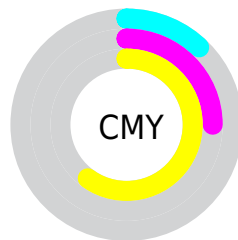
- Red (88%)
- Green (75%)
- Blue (40%)



- Red (58%)
- Yellow (88%)
- Blue (40%)



- Cyan (0%)
- Magenta (15%)
- Yellow (55%)
- Black (12%)




- Cyan (12%)
- Magenta (25%)
- Yellow (60%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6138, 0.4118, 0.4287 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 53.6138, 0.4118, 0.4287 by changing the saturation by 10% instead.





 53.6138, 0.4118,  
0.4287


 53.6138, 0.4118,  
0.4287


400.6356, 0.3654,  
0.3824


 38.2930, 0.4219,  
0.4387

 95.5070, 0.3960,  
0.4130


 26.2102, 0.4339,  
0.4504


 122.8481, 0.3897,  
0.4067

 16.9809, 0.4479,  
0.4640


 154.9648, 0.3843,  
0.4013

 10.2209, 0.4640,  
0.4793

 192.2415, 0.3795,  
0.3966

 5.5457, 0.4929,  
0.5071

235.0625, 0.3754,  
0.3924

 2.5708, 0.4946,  
0.5054

283.8122, 0.3717,

 0.9120, 0.4975,

0.3887

0.5025

338.8752, 0.3684,  
0.3854

0.0000, 0.0000,  
0.0000

53.6138, 0.4118,  
0.4287

53.6138, 0.4118,  
0.4287

50.6111, 0.4306,  
0.4426

56.8550, 0.3923,  
0.4121

47.8280, 0.4478,  
0.4528

60.3374, 0.3728,  
0.3938

45.2540, 0.4625,  
0.4583

64.0728, 0.3541,  
0.3749

42.8734, 0.4741,  
0.4588

68.0700, 0.3365,  
0.3560

41.7225, 0.4792,  
0.4577

72.3370, 0.3202,  
0.3377

■ 76.8815, 0.3053,  
0.3203

■ 81.5294, 0.2935,  
0.3068

■ 85.1015, 0.2937,  
0.3132

■ 88.7977, 0.2938,  
0.3195

# Harmonies

## Analogous

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



53.6138, 0.4410, 0.3860



53.6138, 0.4118, 0.4287



53.6138, 0.3574, 0.4486

# Triad

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



53.6138, 0.4118, 0.4287



53.6138, 0.2055, 0.3026



53.6138, 0.3212, 0.2522

# Complementary

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



53.6138, 0.4118, 0.4287



25.4718, 0.2165, 0.2007

# 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.



53.6138, 0.2595, 0.2311



53.6138, 0.4118, 0.4287



53.6138, 0.1983, 0.2538

# Square

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



53.6138, 0.4118, 0.4287



53.6138, 0.2390, 0.3694



53.6138, 0.2168, 0.2305



53.6138, 0.3869, 0.2895



# Rectangle

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



53.6138, 0.4118, 0.4287



53.6138, 0.3151, 0.4398



53.6138, 0.2168, 0.2305



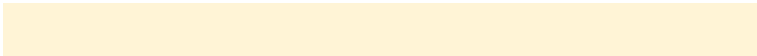
53.6138, 0.2992, 0.2431

# Sweetspot

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



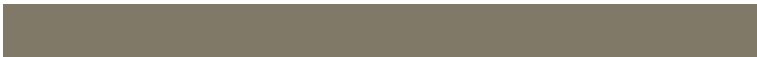
53.6163, 0.4118, 0.4287



90.6629, 0.3385, 0.3583



26.9274, 0.4278, 0.2893



19.1632, 0.3421, 0.3621



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.



53.6163, 0.4118, 0.4287



67.3001, 0.4334, 0.4445



66.1607, 0.3706, 0.4705



15.3557, 0.3274, 0.3459



24.4906, 0.4780, 0.4586



1.8452, 0.4669, 0.4675



# Inverse Universe

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



25.4718, 0.2165, 0.2007



26.0612, 0.1966, 0.1687



19.2522, 0.2265, 0.1618



13.8566, 0.2981, 0.3115



5.2969, 0.1597, 0.0949



0.5149, 0.1681, 0.1251



# Previews

## White Background



This preview shows how the Yxy color 53.6138, 0.4118, 0.4287 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 53.6138, 0.4118, 0.4287 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 53.6138, 0.4118, 0.4287**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.6138, 0.4118, 0.4287.



This preview shows how white text looks on a background with the Yxy color 53.6138, 0.4118, 0.4287.

# 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

53.6138, 0.4118, 0.4287

### Protanopia

53.6890, 0.3989, 0.4359

### Deuteranopia

53.6618, 0.4259, 0.4180



## Tritanopia

53.6486, 0.3472, 0.3145

# Trichromacy



## Original Color

53.6138, 0.4118, 0.4287

## Protanomaly

53.8510, 0.4031, 0.4334

## Deuteranomaly

53.6558, 0.4201, 0.4218

## Tritanomaly

53.4771, 0.3722, 0.3567

# Monochromacy



## Original Color

53.6138, 0.4118, 0.4287

## Achromatopsia

51.4918, 0.3127, 0.3290

## Achromatomaly

51.8521, 0.3482, 0.3689

# CSS Examples

## Text

The CSS property to change the color of the text to  $Yxy$  53.6138, 0.4118, 0.4287 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(224, 190, 101)` looks like.

```
.text, #text, p{  
    color:rgb(224, 190, 101)  
}
```

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(224, 190, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 190, 101) }
```

## Border

The CSS property to change the border of an element to Yxy 53.6138, 0.4118, 0.4287 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(224, 190, 101) }
```

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

```
.border{ border-color:rgb(224, 190, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 190, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 190, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 190, 101);  
box-shadow:4px 4px 4px 4px rgb(224, 190,  
101) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.6138, 0.4118, 0.4287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 190, 101) }
```

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

```
.background{ background-color: rgb(224,  
190, 101) }
```

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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