

# Converting Colors

Yxy(53.9778, 0.4163, 0.3758)

Have a look what the booklet for  
Yxy(53.9778, 0.4163, 0.3758)  
contains.

<b>Yxy(53.8860, 0.4161, 0.3759)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(53.8860, 0.4161, 0.3759)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FAB286
RGB	250, 178, 134
RGB Percent	98%, 70%, 53%
CMY	0.0196, 0.3019, 0.4744
CMYK	0.00, 0.29, 0.46, 0.02
HSL	23°, 92%, 75%
HSV	23°, 46%, 98%
XYZ	59.6487, 53.8860, 29.8172
YIQ	194.5120, 57.0360, 1.5800

# Conversions

## Conversions Part 2

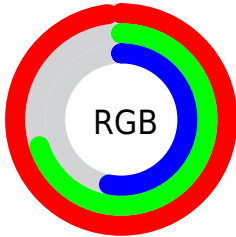
Format	Color
R <sub>Y</sub> B	250, 205, 134
Decimal	16429702
CIE Lab	78.40, 21.20, 32.87
CIE LCh	78, 39.118, 57.178
Yxy	53.8860, 0.4161, 0.3759
Android (android.graphics.Color)	4294619782 (0xFFFFAB286)
YUV	194.5120, -29.8324, 48.6630
Hunter-Lab	73.4071, 16.5822, 27.3020

# Details

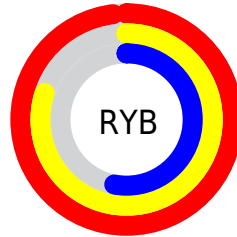
The Yxy color **53.8860, 0.4161, 0.3759** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.1203, 0.2410, 0.2751**, and the grayscale version is **54.4254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7365, 0.3576, 0.3755**, and **26.3837, 0.4429, 0.3842** is the 20% darker color. If you saturate the color by 10%, you get **47.4410, 0.4474, 0.3846**, and if you desaturate by 10%, it is **61.1997, 0.3878, 0.3659**.

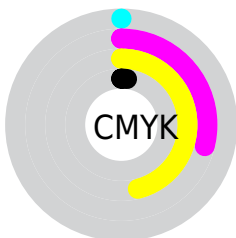
# Distribution



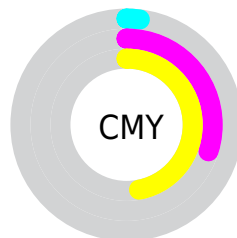
- Red (98%)
- Green (70%)
- Blue (53%)



- Red (98%)
- Yellow (80%)
- Blue (53%)



- Cyan (0%)
- Magenta (29%)
- Yellow (46%)
- Black (2%)




- Cyan (2%)
- Magenta (30%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8860, 0.4161, 0.3759 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 53.8860, 0.4161, 0.3759 by changing the saturation by 10% instead.




 53.8860, 0.4161,  
0.3759


 53.8860, 0.4161,  
0.3759


401.6751, 0.3656,  
0.3554


 38.5105, 0.4281,  
0.3800


 95.9068, 0.3982,  
0.3692

 26.3792, 0.4430,  
0.3847


 123.3210, 0.3913,  
0.3665

 17.1075, 0.4621,  
0.3898


 155.5168, 0.3854,  
0.3641

 10.3112, 0.4870,  
0.3952

192.8788, 0.3804,  
0.3619

 5.6058, 0.5201,  
0.3992

235.7912, 0.3760,  
0.3600

 2.6069, 0.5867,  
0.4133

284.6384, 0.3721,

 0.9301, 0.6225,

0.3583

0.3775

339.8050, 0.3687,  
0.3568

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.8860, 0.4161,  
0.3759

53.8860, 0.4161,  
0.3759

47.4410, 0.4474,  
0.3846

61.1997, 0.3878,  
0.3659

41.8220, 0.4808,  
0.3908

69.4070, 0.3629,  
0.3554

36.9937, 0.5142,  
0.3931

78.5414, 0.3415,  
0.3450

32.9146, 0.5450,  
0.3904

88.6322, 0.3230,  
0.3350

■ 29.5376, 0.5705,  
0.3824

■ 99.0640, 0.3096,  
0.3290

■ 28.4753, 0.5786,  
0.3788

# Harmonies

## Analogous

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



53.8860, 0.4074, 0.3351



53.8860, 0.4161, 0.3759



53.8860, 0.3948, 0.4095

# Triad

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



53.8860, 0.4161, 0.3759



53.8860, 0.2551, 0.3633



53.8860, 0.2684, 0.2482

# Complementary

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



53.8860, 0.4161, 0.3759



56.1203, 0.2410, 0.2751

# 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.



53.8860, 0.2335, 0.2492



53.8860, 0.4161, 0.3759



53.8860, 0.2261, 0.3110

# Square

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



53.8860, 0.4161, 0.3759



53.8860, 0.3008, 0.4074



53.8860, 0.2188, 0.2702



53.8860, 0.3181, 0.2651



# Rectangle

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



53.8860, 0.4161, 0.3759



53.8860, 0.3679, 0.4220



53.8860, 0.2188, 0.2702



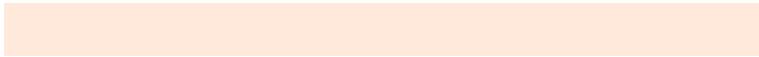
53.8860, 0.2547, 0.2464

# Sweetspot

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



53.8886, 0.4161, 0.3759



84.5774, 0.3368, 0.3426



41.9072, 0.3582, 0.2532



17.6324, 0.3410, 0.3447



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.



53.8886, 0.4161, 0.3759



49.8374, 0.4463, 0.3843



81.1968, 0.3881, 0.4299



18.3040, 0.3284, 0.3380



15.3594, 0.5757, 0.3811



1.6197, 0.5534, 0.3988

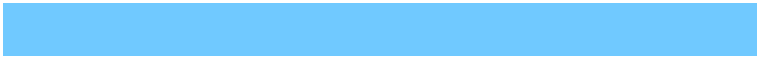


# Inverse Universe

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



56.1203, 0.2410, 0.2751



52.3771, 0.2277, 0.2615



33.6195, 0.2278, 0.2020



18.4378, 0.2980, 0.3198



16.4147, 0.1888, 0.1995



1.7246, 0.1935, 0.2167



# Previews

## White Background



This preview shows how the Yxy color 53.8860, 0.4161, 0.3759 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 53.8860, 0.4161, 0.3759 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

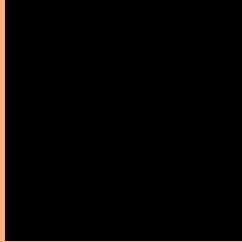
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 53.8860, 0.4161, 0.3759**

## Background



This preview shows how black text looks on a background with the Yxy color 53.8860, 0.4161, 0.3759.



This preview shows how white text looks on a background with the Yxy color 53.8860, 0.4161, 0.3759.

# 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

53.8860, 0.4161, 0.3759

### Protanopia

54.0620, 0.3667, 0.3934

### Deuteranopia

53.9396, 0.3977, 0.3901



## Tritanopia

53.6573, 0.3768, 0.3155

# Trichromacy



**Original Color**

53.8860, 0.4161, 0.3759

**Protanomaly**

53.6487, 0.3848, 0.3872

**Deuteranomaly**

53.9112, 0.4046, 0.3843

**Tritanomaly**

53.9079, 0.3917, 0.3377

# Monochromacy



**Original Color**

53.8860, 0.4161, 0.3759

**Achromatopsia**

54.5724, 0.3127, 0.3290

**Achromatomaly**

53.8594, 0.3475, 0.3481

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.8860, 0.4161, 0.3759 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(250, 178, 134)` looks like.

```
.text, #text, p{  
    color:rgb(250, 178, 134)  
}
```

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(250, 178, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 178, 134) }
```

## Border

The CSS property to change the border of an element to Yxy 53.8860, 0.4161, 0.3759 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(250, 178, 134) }
```

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

```
.border{ border-color:rgb(250, 178, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 178, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 178, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 178, 134);  
box-shadow:4px 4px 4px 4px rgb(250, 178,  
134) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.8860, 0.4161, 0.3759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 178, 134) }
```

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

```
.background{ background-color: rgb(250,  
178, 134) }
```

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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