

# Converting Colors

Yxy(56.1544, 0.4157, 0.3744)

Have a look what the booklet for  
Yxy(56.1544, 0.4157, 0.3744)  
contains.

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# Color

**Yxy(56.1427, 0.4154, 0.3741)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFB58A
RGB	255, 181, 138
RGB Percent	100%, 71%, 54%
CMY	0.0001, 0.2901, 0.4589
CMYK	0.00, 0.29, 0.46, 0.00
HSL	22°, 100%, 77%
HSV	22°, 46%, 100%
XYZ	62.3408, 56.1427, 31.5906
YIQ	198.2240, 57.9070, 2.3150

# Conversions

## Conversions Part 2

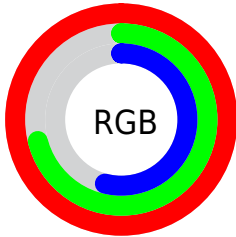
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 206, 138
Decimal	16758154
CIE Lab	79.69, 21.95, 32.59
CIE LCh	80, 39.290, 56.042
Yxy	56.1427, 0.4154, 0.3741
Android (android.graphics.Color)	4294948234 (0xFFFFB58A)
YUV	198.2240, -29.6904, 49.7926
Hunter-Lab	74.9284, 17.3880, 27.4526

# Details

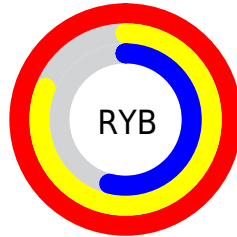
The Yxy color **56.1427, 0.4154, 0.3741** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.6709, 0.2420, 0.2774**, and the grayscale version is **56.7735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6341, 0.3542, 0.3743**, and **27.8622, 0.4426, 0.3829** is the 20% darker color. If you saturate the color by 10%, you get **49.3112, 0.4471, 0.3826**, and if you desaturate by 10%, it is **63.9112, 0.3869, 0.3643**.

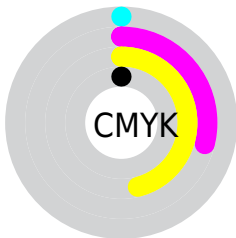
# Distribution



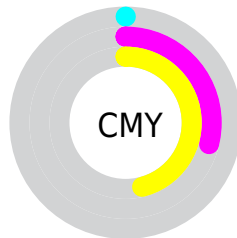
- Red (100%)
- Green (71%)
- Blue (54%)



- Red (100%)
- Yellow (81%)
- Blue (54%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1427, 0.4154, 0.3741 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 56.1427, 0.4154, 0.3741 by changing the saturation by 10% instead.





 56.1427, 0.4154,  
0.3741


 56.1427, 0.4154,  
0.3741


410.2291, 0.3656,  
0.3546

 40.3173, 0.4272,  
0.3780


 99.2132, 0.3978,  
0.3678

 27.7861, 0.4418,  
0.3824


 127.2271, 0.3910,  
0.3652

 18.1645, 0.4604,  
0.3872


 160.0727, 0.3852,  
0.3629

 11.0681, 0.4847,  
0.3922

198.1343, 0.3802,  
0.3608

 6.1127, 0.5169,  
0.3961

241.7963, 0.3758,  
0.3590

 2.9137, 0.5786,  
0.4080

291.4432, 0.3720,

 1.0869, 0.6205,

0.3574

0.3795

347.4593, 0.3686,  
0.3559

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

56.1427, 0.4154,  
0.3741

56.1427, 0.4154,  
0.3741

49.3112, 0.4471,  
0.3826

63.9112, 0.3869,  
0.3643

43.3704, 0.4809,  
0.3887

72.6441, 0.3620,  
0.3541

38.2819, 0.5149,  
0.3909

82.3777, 0.3405,  
0.3440

34.0008, 0.5465,  
0.3883

93.1439, 0.3222,  
0.3344

■ 30.4759, 0.5727,  
0.3803

99.9932, 0.3127,  
0.3290

■ 29.2235, 0.5819,  
0.3761

# Harmonies

## Analogous

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



56.1427, 0.4056, 0.3336



56.1427, 0.4154, 0.3741



56.1427, 0.3953, 0.4078

# Triad

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



56.1427, 0.4154, 0.3741



56.1427, 0.2571, 0.3649



56.1427, 0.2672, 0.2486

# Complementary

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



56.1427, 0.4154, 0.3741



59.6709, 0.2420, 0.2774

# 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.



56.1427, 0.2332, 0.2503



56.1427, 0.4154, 0.3741



56.1427, 0.2275, 0.3131

# Square

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



56.1427, 0.4154, 0.3741



56.1427, 0.3028, 0.4078



56.1427, 0.2194, 0.2720



56.1427, 0.3161, 0.2647



# Rectangle

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



56.1427, 0.4154, 0.3741



56.1427, 0.3692, 0.4208



56.1427, 0.2194, 0.2720



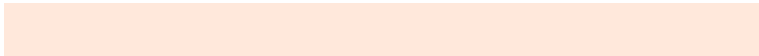
56.1427, 0.2538, 0.2470

# Sweetspot

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



56.1454, 0.4154, 0.3741



84.3483, 0.3369, 0.3422



44.1839, 0.3576, 0.2540



17.5769, 0.3411, 0.3443



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.



56.1454, 0.4154, 0.3741



49.8915, 0.4442, 0.3819



85.0360, 0.3874, 0.4290



19.0814, 0.3285, 0.3378



15.5345, 0.5790, 0.3785



1.7126, 0.5575, 0.3956



# Inverse Universe

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



59.6709, 0.2420, 0.2774



53.7495, 0.2295, 0.2650



35.5944, 0.2287, 0.2035



19.2919, 0.2979, 0.3200



17.4202, 0.1899, 0.2035



1.9049, 0.1943, 0.2194



# Previews

## White Background



This preview shows how the Yxy color 56.1427, 0.4154, 0.3741 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

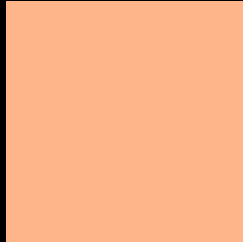
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 56.1427, 0.4154, 0.3741 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

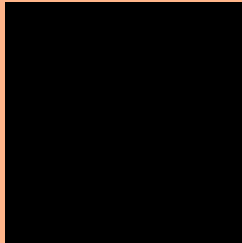
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 56.1427, 0.4154, 0.3741**

## **Background**



This preview shows how black text looks on a background with the Yxy color 56.1427, 0.4154, 0.3741.



This preview shows how white text looks on a background with the Yxy color 56.1427, 0.4154, 0.3741.

# 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

56.1427, 0.4154, 0.3741

### Protanopia

56.5786, 0.3656, 0.3922

### Deuteranopia

56.0056, 0.3966, 0.3881



## Tritanopia

55.9415, 0.3726, 0.3166

# Trichromacy



**Original Color**

56.1427, 0.4154, 0.3741

**Protanomaly**

56.1462, 0.3834, 0.3862

**Deuteranomaly**

55.9786, 0.4033, 0.3824

**Tritanomaly**

56.0031, 0.3884, 0.3376

# Monochromacy



**Original Color**

56.1427, 0.4154, 0.3741

**Achromatopsia**

56.4712, 0.3127, 0.3290

**Achromatomaly**

55.8939, 0.3478, 0.3478

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 56.1427, 0.4154, 0.3741 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(255, 181, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 138)  
}
```

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(255, 181, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 138) }
```

## Border

The CSS property to change the border of an element to Yxy 56.1427, 0.4154, 0.3741 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(255, 181, 138) }
```

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

```
.border{ border-color:rgb(255, 181, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
138) }
```



# Background

The CSS property to change the background color of an element to Yxy 56.1427, 0.4154, 0.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 138) }
```

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

```
.background{ background-color: rgb(255,  
181, 138) }
```

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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