

# Converting Colors

$Yxy(56.8049, 0.3930, 0.3468)$

Have a look what the booklet for  
Yxy(56.8049, 0.3930, 0.3468)  
contains.

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# Color

**Yxy(56.9881, 0.3927, 0.3471)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB5A4
RGB	255, 181, 164
RGB Percent	100%, 71%, 64%
CMY	0.0000, 0.2902, 0.3569
CMYK	0.00, 0.29, 0.36, 0.00
HSL	11°, 100%, 82%
HSV	11°, 36%, 100%
XYZ	64.4749, 56.9881, 42.7206
YIQ	201.1880, 49.5610, 10.4010

# Conversions

## Conversions Part 2

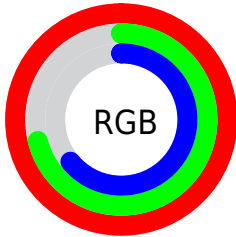
Format	Color
R <sub>Y</sub> B	255, 185, 164
Decimal	16758180
CIE Lab	80.17, 24.79, 19.40
CIE LCh	80, 31.477, 38.047
Yxy	56.9881, 0.3927, 0.3471
Android (android.graphics.Color)	4294948260 (0xFFFFB5A4)
YUV	201.1880, -18.3337, 47.1931
Hunter-Lab	75.4905, 20.3449, 19.2907

# Details

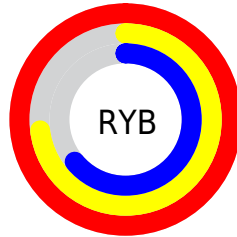
The Yxy color **56.9881, 0.3927, 0.3471** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.2646, 0.2597, 0.3098**, and the grayscale version is **58.6186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9428, 0.3364, 0.3469**, and **28.3440, 0.4135, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **48.3380, 0.4259, 0.3521**, and if you desaturate by 10%, it is **67.0688, 0.3646, 0.3418**.

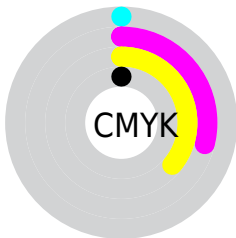
# Distribution



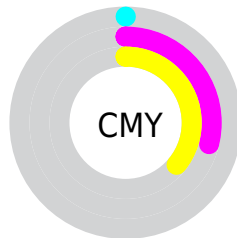
- Red (100%)
- Green (71%)
- Blue (64%)



- Red (100%)
- Yellow (73%)
- Blue (64%)



- Cyan (0%)
- Magenta (29%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (29%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9881, 0.3927, 0.3471 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 56.9881, 0.3927, 0.3471 by changing the saturation by 10% instead.





 56.9881, 0.3927,  
0.3471


 56.9881, 0.3927,  
0.3471


413.4047, 0.3537,  
0.3396

 40.9957, 0.4021,  
0.3485


 100.4478, 0.3788,  
0.3447

 28.3157, 0.4139,  
0.3501


 128.6839, 0.3735,  
0.3437

 18.5638, 0.4293,  
0.3517


161.7700, 0.3689,  
0.3429

 11.3555, 0.4499,  
0.3533

200.0906, 0.3650,  
0.3421

 6.3065, 0.4789,  
0.3543

244.0299, 0.3616,  
0.3414

 3.0323, 0.5218,  
0.3526

293.9725, 0.3587,

 1.1486, 0.6330,

0.3407

0.3670

350.3026, 0.3560,  
0.3402

0.0191, 0.9702,  
0.0298

0.0000, 0.0000,  
0.0000

56.9881, 0.3927,  
0.3471

56.9881, 0.3927,  
0.3471

48.3380, 0.4259,  
0.3521

67.0688, 0.3646,  
0.3418

41.0662, 0.4642,  
0.3561

78.6562, 0.3413,  
0.3366

35.0963, 0.5060,  
0.3584

91.8039, 0.3221,  
0.3317

30.3499, 0.5481,  
0.3579

100.0000, 0.3127,  
0.3290

■ 26.7400, 0.5858,  
0.3541

■ 24.1671, 0.6138,  
0.3470

■ 23.3428, 0.6227,  
0.3438

# Harmonies

## Analogous

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



56.9881, 0.3708, 0.3139



56.9881, 0.3927, 0.3471



56.9881, 0.3912, 0.3784

# Triad

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



56.9881, 0.3927, 0.3471



56.9881, 0.2896, 0.3793



56.9881, 0.2577, 0.2627

# Complementary

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



56.9881, 0.3927, 0.3471



76.2646, 0.2597, 0.3098

# 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.



56.9881, 0.2393, 0.2745



56.9881, 0.3927, 0.3471



56.9881, 0.2566, 0.3413

# Square

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



56.9881, 0.3927, 0.3471



56.9881, 0.3302, 0.4011



56.9881, 0.2388, 0.3024



56.9881, 0.2912, 0.2671



# Rectangle

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



56.9881, 0.3927, 0.3471



56.9881, 0.3775, 0.3941



56.9881, 0.2388, 0.3024



56.9881, 0.2497, 0.2648

# Sweetspot

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



56.9835, 0.3927, 0.3471



84.6224, 0.3318, 0.3342



54.0008, 0.3304, 0.2549



17.7357, 0.3345, 0.3349



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.



56.9835, 0.3927, 0.3471



50.5243, 0.4165, 0.3508



78.4318, 0.3761, 0.3923



18.5357, 0.3290, 0.3335



12.3533, 0.6203, 0.3456

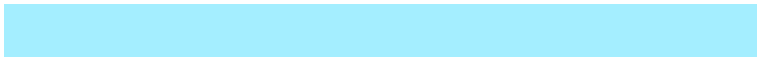


1.3423, 0.6003, 0.3616



# Inverse Universe

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



76.2646, 0.2597, 0.3098



72.4162, 0.2502, 0.3053



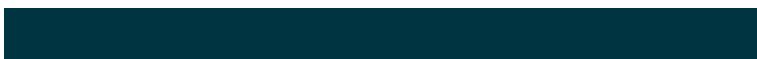
53.1694, 0.2523, 0.2560



19.8707, 0.2980, 0.3245



27.3943, 0.2078, 0.2679

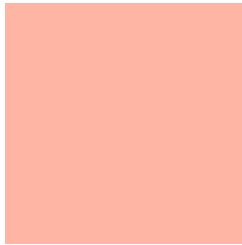


2.8095, 0.2099, 0.2757



# Previews

## White Background



This preview shows how the Yxy color 56.9881, 0.3927, 0.3471 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 56.9881, 0.3927, 0.3471 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

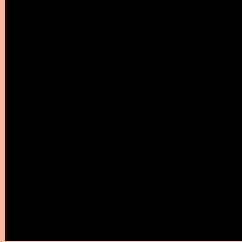
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 56.9881, 0.3927, 0.3471**

## **Background**



This preview shows how black text looks on a background with the Yxy color 56.9881, 0.3927, 0.3471.

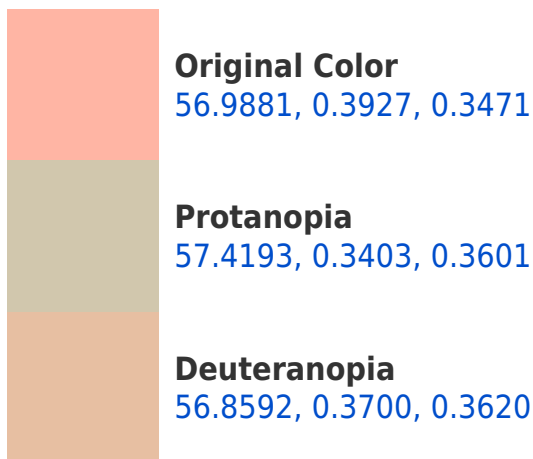


This preview shows how white text looks on a background with the Yxy color 56.9881, 0.3927, 0.3471.

# 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





## Tritanopia

56.8624, 0.3694, 0.3156

# Trichromacy



**Original Color**

56.9881, 0.3927, 0.3471

**Protanomaly**

56.7703, 0.3587, 0.3544

**Deuteranomaly**

56.7103, 0.3783, 0.3557

**Tritanomaly**

56.8364, 0.3781, 0.3271

# Monochromacy



**Original Color**

56.9881, 0.3927, 0.3471

**Achromatopsia**

58.4078, 0.3127, 0.3290

**Achromatomaly**

57.5866, 0.3395, 0.3360

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 56.9881, 0.3927, 0.3471 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 164) }
```

## Border

The CSS property to change the border of an element to Yxy 56.9881, 0.3927, 0.3471 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, 164) }
```

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

```
.border{ border-color:rgb(255, 181, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 181, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 181, 164); box-shadow:4px 4px 4px 4px rgb(255, 181, 164) }
```



# Background

The CSS property to change the background color of an element to Yxy 56.9881, 0.3927, 0.3471 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, 164) }
```

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

```
.background{ background-color: rgb(255,  
181, 164) }
```

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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