

# Converting Colors

$Yxy(65.8063, 0.4288, 0.3467)$

Have a look what the booklet for  
Yxy(65.8063, 0.4288, 0.3467)  
contains.

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# Color

**Yxy(56.9164, 0.3944, 0.3492)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB5A2
RGB	255, 181, 162
RGB Percent	100%, 71%, 64%
CMY	0.0001, 0.2902, 0.3646
CMYK	0.00, 0.29, 0.36, 0.00
HSL	12°, 100%, 82%
HSV	12°, 36%, 100%
XYZ	64.2836, 56.9164, 41.7909
YIQ	200.9600, 50.2030, 9.7790

# Conversions

## Conversions Part 2

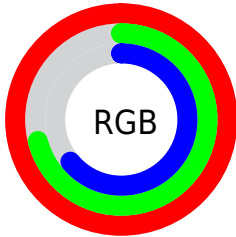
Format	Color
R <sub>Y</sub> B	255, 186, 162
Decimal	16758178
CIE Lab	80.13, 24.53, 20.40
CIE LCh	80, 31.902, 39.751
Yxy	56.9164, 0.3944, 0.3492
Android (android.graphics.Color)	4294948258 (0xFFFFB5A2)
YUV	200.9600, -19.2073, 47.3931
Hunter-Lab	75.4430, 20.0715, 19.9670

# Details

The Yxy color **56.9164, 0.3944, 0.3492** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.8944, 0.2584, 0.3075**, and the grayscale version is **58.4829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8381, 0.3377, 0.3489**, and **28.2999, 0.4159, 0.3535** is the 20% darker color. If you saturate the color by 10%, you get **48.4420, 0.4276, 0.3546**, and if you desaturate by 10%, it is **66.7819, 0.3663, 0.3435**.

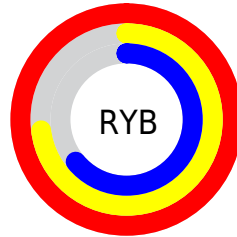
# Distribution



Red (100%)

Green (71%)

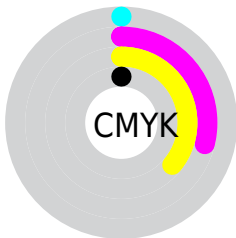
Blue (64%)



Red (100%)

Yellow (73%)

Blue (64%)

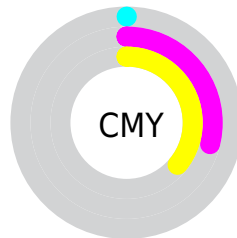


Cyan (0%)

Magenta (29%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (29%)


Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9164, 0.3944, 0.3492 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 56.9164, 0.3944, 0.3492 by changing the saturation by 10% instead.





 56.9164, 0.3944,  
0.3492

 56.9164, 0.3944,  
0.3492


413.1360, 0.3545,  
0.3408

 40.9381, 0.4040,  
0.3508


 100.3432, 0.3802,  
0.3465

 28.2707, 0.4161,  
0.3526


 128.5605, 0.3747,  
0.3454

 18.5298, 0.4317,  
0.3546


161.6263, 0.3701,  
0.3444

 11.3311, 0.4527,  
0.3565

199.9249, 0.3661,  
0.3435

 6.2900, 0.4821,  
0.3578

243.8408, 0.3627,  
0.3427

 3.0222, 0.5254,  
0.3565

293.7584, 0.3596,

 1.1433, 0.6319,

0.3420

0.3681

350.0619, 0.3569,  
0.3414

0.0147, 0.9766,  
0.0234

0.0000, 0.0000,  
0.0000

56.9164, 0.3944,  
0.3492

56.9164, 0.3944,  
0.3492

48.4420, 0.4276,  
0.3546

66.7819, 0.3663,  
0.3435

41.2876, 0.4655,  
0.3589

78.0891, 0.3428,  
0.3377

35.3880, 0.5067,  
0.3613

90.8962, 0.3234,  
0.3323

30.6691, 0.5481,  
0.3608

99.9976, 0.3127,  
0.3290

■ 27.0486, 0.5849,  
0.3566

■ 24.4326, 0.6122,  
0.3490

■ 23.7205, 0.6197,  
0.3461

# Harmonies

## Analogous

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



56.9164, 0.3735, 0.3155



56.9164, 0.3944, 0.3492



56.9164, 0.3914, 0.3806

# Triad

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



56.9164, 0.3944, 0.3492



56.9164, 0.2870, 0.3782



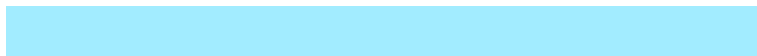
56.9164, 0.2586, 0.2617

# Complementary

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



56.9164, 0.3944, 0.3492



74.8944, 0.2584, 0.3075

# 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.



56.9164, 0.2390, 0.2726



56.9164, 0.3944, 0.3492



56.9164, 0.2544, 0.3391

# Square

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



56.9164, 0.3944, 0.3492



56.9164, 0.3280, 0.4016



56.9164, 0.2374, 0.3000



56.9164, 0.2931, 0.2670



# Rectangle

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



56.9164, 0.3944, 0.3492



56.9164, 0.3768, 0.3961



56.9164, 0.2374, 0.3000



56.9164, 0.2501, 0.2634

# Sweetspot

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



56.9191, 0.3944, 0.3492



84.8994, 0.3318, 0.3347



53.1858, 0.3322, 0.2547



17.8013, 0.3344, 0.3355



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.



56.9191, 0.3944, 0.3492



50.4062, 0.4189, 0.3533



78.8590, 0.3771, 0.3952



18.5878, 0.3289, 0.3339



12.5638, 0.6172, 0.3481

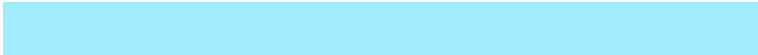


1.3700, 0.5966, 0.3645

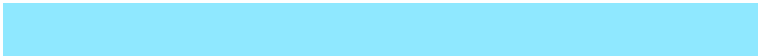


# Inverse Universe

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



74.8944, 0.2584, 0.3075



70.8027, 0.2486, 0.3023



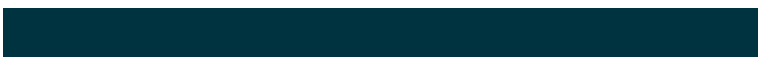
51.6924, 0.2506, 0.2523



19.8142, 0.2980, 0.3240



26.2907, 0.2061, 0.2619



2.7114, 0.2084, 0.2704



# Previews

## White Background



This preview shows how the Yxy color 56.9164, 0.3944, 0.3492 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 56.9164, 0.3944, 0.3492 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 56.9164, 0.3944, 0.3492**

## Background



This preview shows how black text looks on a background with the Yxy color 56.9164, 0.3944, 0.3492.



This preview shows how white text looks on a background with the Yxy color 56.9164, 0.3944, 0.3492.

# 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

56.9164, 0.3944, 0.3492

### Protanopia

57.3424, 0.3419, 0.3626

### Deuteranopia

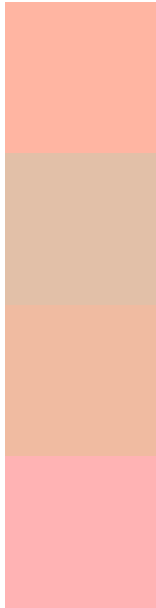
56.9555, 0.3725, 0.3642



## Tritanopia

56.8624, 0.3694, 0.3156

# Trichromacy



**Original Color**

56.9164, 0.3944, 0.3492

**Protanomaly**

56.6952, 0.3604, 0.3567

**Deuteranomaly**

56.6391, 0.3800, 0.3579

**Tritanomaly**

56.7955, 0.3790, 0.3281

# Monochromacy



**Original Color**

56.9164, 0.3944, 0.3492

**Achromatopsia**

58.4078, 0.3127, 0.3290

**Achromatomaly**

57.5436, 0.3403, 0.3371

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 56.9164, 0.3944, 0.3492 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 162) }
```

## Border

The CSS property to change the border of an element to Yxy 56.9164, 0.3944, 0.3492 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, 162) }
```

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

```
.border{ border-color:rgb(255, 181, 162) }
```

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, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
162) }
```



# Background

The CSS property to change the background color of an element to Yxy 56.9164, 0.3944, 0.3492 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
181, 162) }
```

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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