

# Converting Colors

$Yxy(65.3549, 0.4014, 0.3521)$

Have a look what the booklet for  
Yxy(65.3549, 0.4014, 0.3521)  
contains.

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# Color

**Yxy(61.3488, 0.3855, 0.3533)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFBFA8
RGB	255, 191, 168
RGB Percent	100%, 75%, 66%
CMY	0.0000, 0.2510, 0.3412
CMYK	0.00, 0.25, 0.34, 0.00
HSL	16°, 100%, 83%
HSV	16°, 34%, 100%
XYZ	66.9402, 61.3488, 45.3561
YIQ	207.5140, 45.5270, 6.4150

# Conversions

## Conversions Part 2

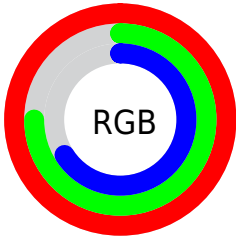
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 199, 168
Decimal	16760744
CIE Lab	82.57, 20.00, 20.57
CIE LCh	83, 28.695, 45.806
Yxy	61.3488, 0.3855, 0.3533
Android (android.graphics.Color)	4294950824 (0xFFFFBFA8)
YUV	207.5140, -19.4804, 41.6452
Hunter-Lab	78.3255, 15.4839, 20.4947

# Details

The Yxy color **61.3488, 0.3855, 0.3533** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2526, 0.2608, 0.3030**, and the grayscale version is **62.8522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7225, 0.3324, 0.3535**, and **31.0226, 0.4046, 0.3574** is the 20% darker color. If you saturate the color by 10%, you get **52.8273, 0.4159, 0.3605**, and if you desaturate by 10%, it is **71.1074, 0.3595, 0.3459**.

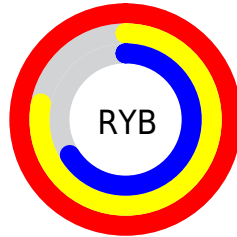
# Distribution



Red (100%)

Green (75%)

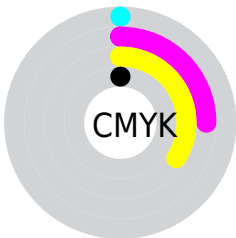
Blue (66%)



Red (100%)

Yellow (78%)

Blue (66%)

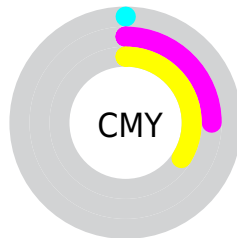


Cyan (0%)

Magenta (25%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (25%)


Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3488, 0.3855, 0.3533 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 61.3488, 0.3855, 0.3533 by changing the saturation by 10% instead.





 61.3488, 0.3855,  
0.3533


 61.3488, 0.3855,  
0.3533

429.5517, 0.3505,  
0.3428

 44.5067, 0.3938,  
0.3555


 106.7838, 0.3731,  
0.3498

 31.0691, 0.4042,  
0.3580


 136.1455, 0.3683,  
0.3484

 20.6514, 0.4176,  
0.3610


170.4493, 0.3643,  
0.3472

 12.8695, 0.4353,  
0.3644

210.0794, 0.3608,  
0.3461

 7.3387, 0.4600,  
0.3680

255.4203, 0.3577,  
0.3451

 3.6748, 0.4959,  
0.3710


306.8564, 0.3550,

 1.4934, 0.5869,


0.3443


0.3931

364.7721, 0.3526,  
0.3435


 0.2841, 0.7275,  
0.2725


 0.0000, 0.0000,  
0.0000

 61.3488, 0.3855,  
0.3533


 61.3488, 0.3855,  
0.3533


 52.8273, 0.4159,  
0.3605


 71.1074, 0.3595,  
0.3459

 45.4878, 0.4507,  
0.3666

 82.1458, 0.3376,  
0.3386

 39.2779, 0.4888,  
0.3708

 94.5106, 0.3193,  
0.3317

 34.1391, 0.5280,  
0.3719

100.0000, 0.3127,  
0.3290

■ 30.0071, 0.5645,  
0.3688

■ 26.8096, 0.5941,  
0.3613

■ 25.3263, 0.6077,  
0.3557

# Harmonies

## Analogous

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



61.3488, 0.3711, 0.3233



61.3488, 0.3855, 0.3533



61.3488, 0.3789, 0.3795

# Triad

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



61.3488, 0.3855, 0.3533



61.3488, 0.2836, 0.3657



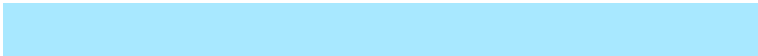
61.3488, 0.2703, 0.2692

# Complementary

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



61.3488, 0.3855, 0.3533



73.2526, 0.2608, 0.3030

# 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.



61.3488, 0.2497, 0.2763



61.3488, 0.3855, 0.3533



61.3488, 0.2570, 0.3308

# Square

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



61.3488, 0.3855, 0.3533



61.3488, 0.3191, 0.3896



61.3488, 0.2450, 0.2979



61.3488, 0.3029, 0.2766



# Rectangle

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



61.3488, 0.3855, 0.3533



61.3488, 0.3640, 0.3909



61.3488, 0.2450, 0.2979



61.3488, 0.2618, 0.2699

# Sweetspot

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



61.3503, 0.3855, 0.3533



87.0764, 0.3297, 0.3357



55.1609, 0.3342, 0.2634



18.2724, 0.3323, 0.3367



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.



61.3503, 0.3855, 0.3533



55.3566, 0.4060, 0.3583



82.5058, 0.3711, 0.3949



18.7681, 0.3288, 0.3354



13.4397, 0.6049, 0.3579

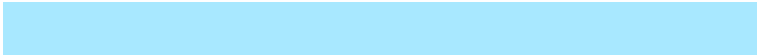


1.4782, 0.5830, 0.3753

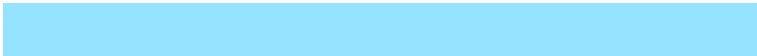


# Inverse Universe

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



73.2526, 0.2608, 0.3030



68.8773, 0.2512, 0.2969



52.2615, 0.2542, 0.2528



19.6207, 0.2980, 0.3226



22.7261, 0.2002, 0.2406



2.3917, 0.2033, 0.2519



# Previews

## White Background



This preview shows how the Yxy color 61.3488, 0.3855, 0.3533 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 61.3488, 0.3855, 0.3533 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

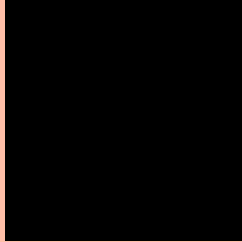
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 61.3488, 0.3855, 0.3533**

## Background



This preview shows how black text looks on a background with the Yxy color 61.3488, 0.3855, 0.3533.



This preview shows how white text looks on a background with the Yxy color 61.3488, 0.3855, 0.3533.

# 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

61.3488, 0.3855, 0.3533

### Protanopia

61.5095, 0.3442, 0.3638

### Deuteranopia

61.5289, 0.3705, 0.3632



## Tritanopia

61.4435, 0.3584, 0.3157

# Trichromacy



**Original Color**

61.3488, 0.3855, 0.3533

**Protanomaly**

61.2760, 0.3592, 0.3605

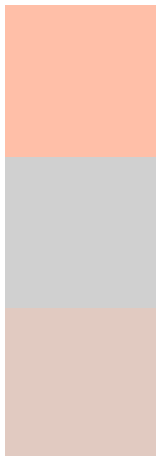
**Deuteranomaly**

61.2327, 0.3765, 0.3594

**Tritanomaly**

61.3293, 0.3683, 0.3292

# Monochromacy



**Original Color**

61.3488, 0.3855, 0.3533

**Achromatopsia**

63.0757, 0.3127, 0.3290

**Achromatomaly**

62.0989, 0.3375, 0.3392

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.3488, 0.3855, 0.3533 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, 191, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 168)  
}
```

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, 191, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 168) }
```

## Border

The CSS property to change the border of an element to Yxy 61.3488, 0.3855, 0.3533 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, 191, 168) }
```

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

```
.border{ border-color:rgb(255, 191, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 191, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 191, 168); box-shadow:4px 4px 4px 4px rgb(255, 191, 168) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.3488, 0.3855, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 168) }
```

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

```
.background{ background-color: rgb(255,  
191, 168) }
```

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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