

# Converting Colors

$Yxy(60.9223, 0.3218, 0.3908)$

Have a look what the booklet for  
Yxy(60.9223, 0.3218, 0.3908)  
contains.

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# Color

**Yxy(60.7548, 0.3222, 0.3905)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6D6A5
RGB	182, 214, 165
RGB Percent	71%, 84%, 65%
CMY	0.2863, 0.1608, 0.3528
CMYK	0.15, 0.00, 0.23, 0.16
HSL	99°, 37%, 74%
HSV	99°, 23%, 84%
XYZ	50.1285, 60.7548, 44.6987
YIQ	198.8460, -3.3430, -22.0230

# Conversions

## Conversions Part 2

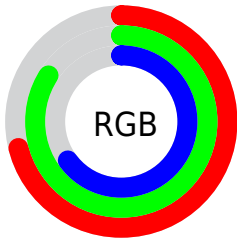
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 214, 197
Decimal	11982501
CIELab	82.25, -19.50, 20.75
CIELCh	82, 28.477, 133.229
Yxy	60.7548, 0.3222, 0.3905
Android (android.graphics.Color)	4290172581 (0xFFB6D6A5)
YUV	198.8460, -16.6861, -14.7739
Hunter-Lab	77.9454, -21.6067, 20.5612

# Details

The Yxy color **60.7548, 0.3222, 0.3905** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.6577, 0.3007, 0.2698**, and the grayscale version is **57.1205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8644, 0.3223, 0.3643**, and **30.6557, 0.3243, 0.4069** is the 20% darker color. If you saturate the color by 10%, you get **58.4224, 0.3257, 0.4210**, and if you desaturate by 10%, it is **63.3932, 0.3182, 0.3620**.

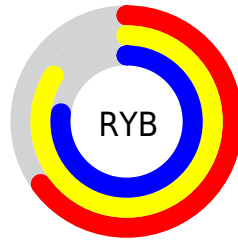
# Distribution



Red (71%)

Green (84%)

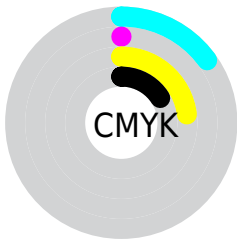
Blue (65%)



Red (65%)

Yellow (84%)

Blue (77%)

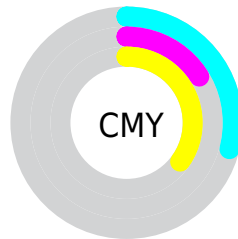


Cyan (15%)

Magenta (0%)

Yellow (23%)

Black (16%)



Cyan (29%)

Magenta (16%)


Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7548, 0.3222, 0.3905 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 60.7548, 0.3222, 0.3905 by changing the saturation by 10% instead.





 60.7548, 0.3222,  
0.3905

 60.7548, 0.3222,  
0.3905


427.3744, 0.3182,  
0.3601

 44.0273, 0.3230,  
0.3979


 105.9238, 0.3209,  
0.3796

 30.6920, 0.3238,  
0.4074


 135.1342, 0.3204,  
0.3754

 20.3644, 0.3248,  
0.4198

169.2742, 0.3199,  
0.3719

 12.6602, 0.3257,  
0.4368

208.7284, 0.3195,  
0.3689

 7.1950, 0.3263,  
0.4613

253.8811, 0.3191,  
0.3663

 3.5843, 0.3254,  
0.4995

305.1168, 0.3188,

 1.4439, 0.3561,

0.3640

0.6327

362.8197, 0.3185,  
0.3620

0.2487, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

60.7548, 0.3222,  
0.3905

60.7548, 0.3222,  
0.3905

58.4224, 0.3257,  
0.4210

63.3932, 0.3182,  
0.3620

56.3767, 0.3285,  
0.4529


66.3404, 0.3140,  
0.3360

54.6079, 0.3302,  
0.4847


69.6095, 0.3097,  
0.3126

53.1030, 0.3305,  
0.5150


73.2100, 0.3055,  
0.2918


 51.8474, 0.3291,  
0.5418

 76.0047, 0.3124,  
0.2888

 50.8250, 0.3260,  
0.5633

 76.5767, 0.3146,  
0.2891

 50.0171, 0.3215,  
0.5785

 49.5545, 0.3178,  
0.5859

# Harmonies

## Analogous

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



60.7548, 0.3566, 0.3930



60.7548, 0.3222, 0.3905



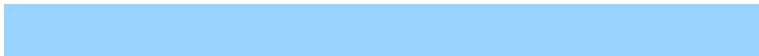
60.7548, 0.2866, 0.3681

# Triad

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



60.7548, 0.3222, 0.3905



60.7548, 0.2489, 0.2778



60.7548, 0.3688, 0.3208

# Complementary

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



60.7548, 0.3222, 0.3905



43.6577, 0.3007, 0.2698

# 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.



60.7548, 0.3370, 0.2940



60.7548, 0.3222, 0.3905



60.7548, 0.2682, 0.2695

# Square

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



60.7548, 0.3222, 0.3905



60.7548, 0.2457, 0.3005



60.7548, 0.2999, 0.2756



60.7548, 0.3848, 0.3507



# Rectangle

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



60.7548, 0.3222, 0.3905



60.7548, 0.2668, 0.3458



60.7548, 0.2999, 0.2756



60.7548, 0.3595, 0.3112

# Sweetspot

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



60.7574, 0.3222, 0.3905



96.7560, 0.3157, 0.3466



56.8875, 0.3512, 0.3668



20.6523, 0.3160, 0.3482



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

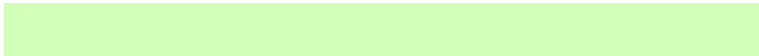


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.7574, 0.3222, 0.3905



88.7692, 0.3238, 0.4037



59.0932, 0.3050, 0.3830



14.1028, 0.3167, 0.3527



30.0025, 0.3188, 0.5851



1.8549, 0.3324, 0.5743



# Inverse Universe

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



43.6577, 0.3007, 0.2698



59.4195, 0.2978, 0.2578



45.7092, 0.3216, 0.2804



12.4077, 0.3083, 0.3056



6.3619, 0.2359, 0.1073



0.4288, 0.2508, 0.1155



# Previews

## White Background



This preview shows how the Yxy color 60.7548, 0.3222, 0.3905 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 60.7548, 0.3222, 0.3905 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

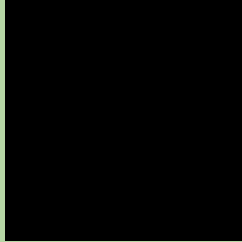
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.7548, 0.3222, 0.3905**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.7548, 0.3222, 0.3905.

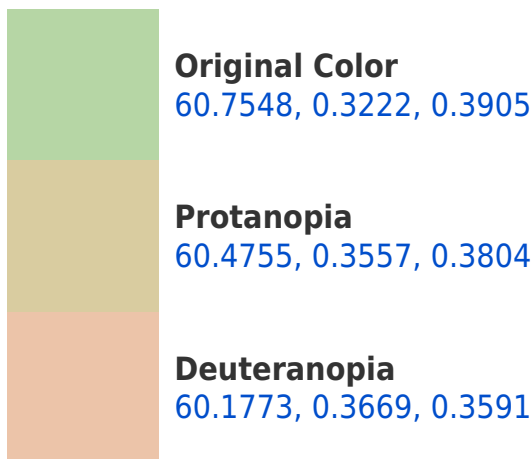


This preview shows how white text looks on a background with the Yxy color 60.7548, 0.3222, 0.3905.

# 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

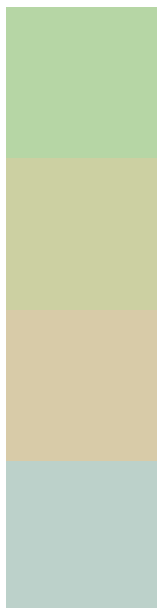




## Tritanopia

60.5467, 0.2903, 0.3090

# Trichromacy



## Original Color

60.7548, 0.3222, 0.3905

## Protanomaly

60.5578, 0.3426, 0.3843

## Deuteranomaly

60.1380, 0.3491, 0.3700

## Tritanomaly

60.5566, 0.3020, 0.3374

# Monochromacy



## Original Color

60.7548, 0.3222, 0.3905

## Achromatopsia

57.1125, 0.3127, 0.3290

## Achromatomaly

58.1110, 0.3164, 0.3498

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.7548, 0.3222, 0.3905 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(182, 214, 165)` looks like.

```
.text, #text, p{  
    color:rgb(182, 214, 165)  
}
```

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(182, 214, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 214, 165) }
```

## Border

The CSS property to change the border of an element to Yxy 60.7548, 0.3222, 0.3905 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(182, 214, 165) }
```

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

```
.border{ border-color:rgb(182, 214, 165) }
```

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

Here you see how a box with a 4 pixel rgb(182, 214, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 214, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 214, 165);  
box-shadow:4px 4px 4px 4px rgb(182, 214,  
165) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.7548, 0.3222, 0.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 214, 165) }
```

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

```
.background{ background-color: rgb(182,  
214, 165) }
```

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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