

# Converting Colors

$Yxy(60.8697, 0.3235, 0.3937)$

Have a look what the booklet for  
Yxy(60.8697, 0.3235, 0.3937)  
contains.

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# Color

**Yxy(60.6826, 0.3236, 0.3931)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6D6A3
RGB	182, 214, 163
RGB Percent	71%, 84%, 64%
CMY	0.2862, 0.1608, 0.3608
CMYK	0.15, 0.00, 0.24, 0.16
HSL	98°, 38%, 74%
HSV	98°, 24%, 84%
XYZ	49.9539, 60.6826, 43.7328
YIQ	198.6180, -2.7010, -22.6450

# Conversions

## Conversions Part 2

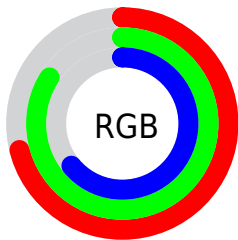
Format	Color
<a href="#">RYB</a>	<a href="#">163, 214, 195</a>
Decimal	<a href="#">11982499</a>
CIELab	<a href="#">82.21, -19.81, 21.76</a>
CIElCh	<a href="#">82, 29.424, 132.309</a>
Yxy	<a href="#">60.6826, 0.3236, 0.3931</a>
Android (android.graphics.Color)	<a href="#">4290172579 (0xFFB6D6A3)</a>
YUV	<a href="#">198.6180, -17.5597, -14.5740</a>
Hunter-Lab	<a href="#">77.8990, -21.8575, 21.2437</a>

# Details

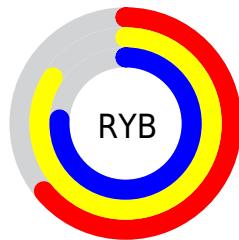
The Yxy color **60.6826, 0.3236, 0.3931** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.6510, 0.2989, 0.2670**, and the grayscale version is **56.9826, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7591, 0.3235, 0.3664**, and **30.6111, 0.3260, 0.4104** is the 20% darker color. If you saturate the color by 10%, you get **58.4254, 0.3275, 0.4236**, and if you desaturate by 10%, it is **63.2314, 0.3192, 0.3645**.

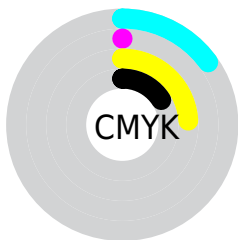
# Distribution



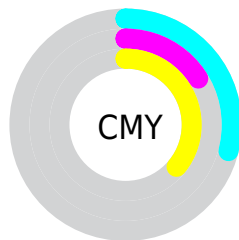
- Red (71%)
- Green (84%)
- Blue (64%)



- Red (64%)
- Yellow (84%)
- Blue (76%)



- Cyan (15%)
- Magenta (0%)
- Yellow (24%)
- Black (16%)




- Cyan (29%)
- Magenta (16%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6826, 0.3236, 0.3931 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 60.6826, 0.3236, 0.3931 by changing the saturation by 10% instead.



 60.6826, 0.3236,  
0.3931


 60.6826, 0.3236,  
0.3931


427.1093, 0.3190,  
0.3614

 43.9691, 0.3245,  
0.4009


 105.8192, 0.3221,  
0.3817

 30.6462, 0.3255,  
0.4107


 135.0111, 0.3215,  
0.3774

 20.3296, 0.3267,  
0.4237


169.1312, 0.3210,  
0.3737

 12.6348, 0.3278,  
0.4414

208.5640, 0.3205,  
0.3706

 7.1776, 0.3286,  
0.4669

253.6938, 0.3200,  
0.3678

 3.5734, 0.3278,  
0.5065

304.9050, 0.3197,

 1.4379, 0.3578,

0.3654

0.6422

362.5820, 0.3193,  
0.3633

0.2444, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

60.6826, 0.3236,  
0.3931

60.6826, 0.3236,  
0.3931

58.4254, 0.3275,  
0.4236

63.2314, 0.3192,  
0.3645

56.4410, 0.3306,  
0.4551

66.0742, 0.3145,  
0.3384

54.7203, 0.3326,  
0.4865

69.2234, 0.3098,  
0.3147

53.2508, 0.3330,  
0.5161

72.6882, 0.3052,  
0.2936

■ 52.0186, 0.3317,  
0.5422

■ 75.4729, 0.3104,  
0.2885

■ 51.0082, 0.3285,  
0.5629

■ 76.5722, 0.3146,  
0.2891

■ 50.2017, 0.3238,  
0.5774

■ 49.7900, 0.3205,  
0.5837

# Harmonies

## Analogous

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



60.6826, 0.3590, 0.3950



60.6826, 0.3236, 0.3931



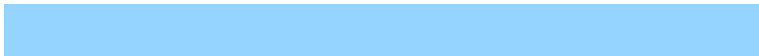
60.6826, 0.2867, 0.3705

# Triad

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



60.6826, 0.3236, 0.3931



60.6826, 0.2466, 0.2766



60.6826, 0.3699, 0.3195

# Complementary

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



60.6826, 0.3236, 0.3931



42.6510, 0.2989, 0.2670

# 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.



60.6826, 0.3366, 0.2922



60.6826, 0.3236, 0.3931



60.6826, 0.2659, 0.2676

# Square

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



60.6826, 0.3236, 0.3931



60.6826, 0.2437, 0.3004



60.6826, 0.2983, 0.2736



60.6826, 0.3870, 0.3503



# Rectangle

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



60.6826, 0.3236, 0.3931



60.6826, 0.2661, 0.3475



60.6826, 0.2983, 0.2736



60.6826, 0.3601, 0.3097

# Sweetspot

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



60.6852, 0.3236, 0.3931



96.8420, 0.3160, 0.3466



55.7253, 0.3534, 0.3665



20.6722, 0.3163, 0.3482



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

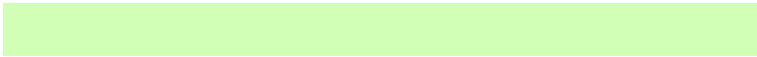


# Same Dimension

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



60.6852, 0.3236, 0.3931



88.3603, 0.3258, 0.4095



58.7424, 0.3057, 0.3878



14.1193, 0.3171, 0.3527



30.1501, 0.3215, 0.5829



1.8650, 0.3353, 0.5720



# Inverse Universe

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



42.6510, 0.2989, 0.2670



56.6866, 0.2949, 0.2518



45.0493, 0.3205, 0.2765



12.3905, 0.3079, 0.3056



6.0678, 0.2297, 0.1039



0.4125, 0.2455, 0.1126



# Previews

## White Background



This preview shows how the Yxy color 60.6826, 0.3236, 0.3931 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 60.6826, 0.3236, 0.3931 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 60.6826, 0.3236, 0.3931**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.6826, 0.3236, 0.3931.



This preview shows how white text looks on a background with the Yxy color 60.6826, 0.3236, 0.3931.

# 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

60.6826, 0.3236, 0.3931

### Protanopia

60.5598, 0.3581, 0.3826

### Deuteranopia

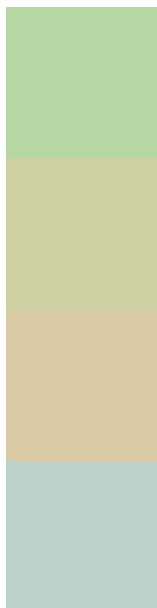
60.2744, 0.3694, 0.3612



## Tritanopia

60.4929, 0.2909, 0.3102

# Trichromacy



## Original Color

60.6826, 0.3236, 0.3931

## Protanomaly

60.6290, 0.3448, 0.3866

## Deuteranomaly

60.2168, 0.3514, 0.3722

## Tritanomaly

60.5093, 0.3027, 0.3386

# Monochromacy



## Original Color

60.6826, 0.3236, 0.3931

## Achromatopsia

57.1125, 0.3127, 0.3290

## Achromatomaly

58.0684, 0.3171, 0.3510

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.6826, 0.3236, 0.3931 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(182, 214, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 214, 163) }
```

## Border

The CSS property to change the border of an element to Yxy 60.6826, 0.3236, 0.3931 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, 163) }
```

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

```
.border{ border-color:rgb(182, 214, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 214, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 214, 163);  
box-shadow:4px 4px 4px 4px rgb(182, 214,  
163) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.6826, 0.3236, 0.3931 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, 163) }
```

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

```
.background{ background-color: rgb(182,  
214, 163) }
```

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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