

# Converting Colors

$Yxy(60.8236, 0.3060, 0.3476)$

Have a look what the booklet for  
Yxy(60.8236, 0.3060, 0.3476)  
contains.

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# Color

**Yxy(60.5981, 0.3060, 0.3473)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBD2C3
RGB	187, 210, 195
RGB Percent	73%, 82%, 76%
CMY	0.2666, 0.1765, 0.2354
CMYK	0.11, 0.00, 0.07, 0.18
HSL	141°, 20%, 78%
HSV	141°, 11%, 82%
XYZ	53.3919, 60.5981, 60.4934
YIQ	201.4130, -8.8930, -9.5410

# Conversions

## Conversions Part 2

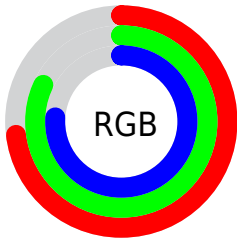
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 204, 210
Decimal	12309187
CIELab	82.16, -10.56, 4.83
CIELCh	82, 11.609, 155.423
Yxy	60.5981, 0.3060, 0.3473
Android (android.graphics.Color)	4290499267 (0xFFBBD2C3)
YUV	201.4130, -3.1616, -12.6402
Hunter-Lab	77.8448, -13.7993, 8.4169

# Details

The Yxy color **60.5981, 0.3060, 0.3473** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5203, 0.3201, 0.3114**, and the grayscale version is **58.7050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6030, 0.3070, 0.3319**, and **30.7684, 0.3048, 0.3535** is the 20% darker color. If you saturate the color by 10%, you get **57.5493, 0.3000, 0.3662**, and if you desaturate by 10%, it is **64.0966, 0.3121, 0.3305**.

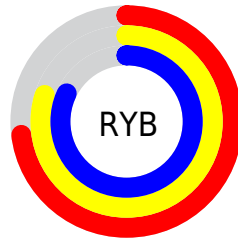
# Distribution



Red (73%)

Green (82%)

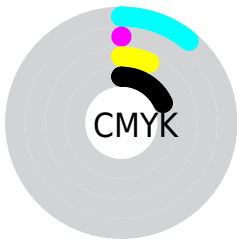
Blue (76%)



Red (73%)

Yellow (80%)

Blue (82%)

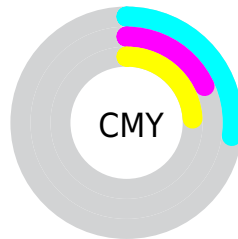


Cyan (11%)

Magenta (0%)

Yellow (7%)

Black (18%)



Cyan (27%)

Magenta (18%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5981, 0.3060, 0.3473 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 60.5981, 0.3060, 0.3473 by changing the saturation by 10% instead.



■ 60.5981, 0.3060,  
0.3473

■ 60.5981, 0.3060,  
0.3473

426.7989, 0.3093,  
0.3384

■ 43.9009, 0.3052,  
0.3494

■ 105.6968, 0.3072,  
0.3441

■ 30.5926, 0.3042,  
0.3521

134.8671, 0.3076,  
0.3429

■ 20.2888, 0.3029,  
0.3557

168.9639, 0.3080,  
0.3419

■ 12.6052, 0.3011,  
0.3604

208.3715, 0.3083,  
0.3410

■ 7.1572, 0.2985,  
0.3673

253.4745, 0.3086,  
0.3403

■ 3.5606, 0.2945,  
0.3780

304.6571, 0.3089,

■ 1.4310, 0.2872,

0.3396

0.3970

362.3037, 0.3091,  
0.3390

0.2394, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

60.5981, 0.3060,  
0.3473

60.5981, 0.3060,  
0.3473

57.5493, 0.3000,  
0.3662

64.0966, 0.3121,  
0.3305

54.9242, 0.2943,  
0.3871

68.0541, 0.3182,  
0.3156

52.7057, 0.2892,  
0.4100

72.4897, 0.3242,  
0.3026

50.8728, 0.2850,  
0.4343

74.2514, 0.3182,  
0.2898

■ 49.4023, 0.2820,  
0.4596

■ 74.5739, 0.3148,  
0.2851

■ 48.2686, 0.2806,  
0.4850

■ 47.4424, 0.2809,  
0.5094

■ 46.8894, 0.2830,  
0.5317

■ 46.5698, 0.2860,  
0.5495

# Harmonies

## Analogous

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



60.5981, 0.3210, 0.3543



60.5981, 0.3060, 0.3473



60.5981, 0.2930, 0.3350

# Triad

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



60.5981, 0.3060, 0.3473



60.5981, 0.2916, 0.3044



60.5981, 0.3409, 0.3356

# Complementary

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



60.5981, 0.3060, 0.3473



53.5203, 0.3201, 0.3114

# 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.



60.5981, 0.3326, 0.3228



60.5981, 0.3060, 0.3473



60.5981, 0.3040, 0.3050

# Square

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



60.5981, 0.3060, 0.3473



60.5981, 0.2848, 0.3102



60.5981, 0.3190, 0.3117



60.5981, 0.3413, 0.3471



# Rectangle

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



60.5981, 0.3060, 0.3473



60.5981, 0.2872, 0.3258



60.5981, 0.3190, 0.3117



60.5981, 0.3389, 0.3313

# Sweetspot

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



60.6007, 0.3060, 0.3473



98.2597, 0.3109, 0.3338



62.2873, 0.3230, 0.3563



20.9344, 0.3104, 0.3352



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

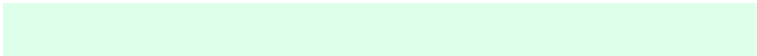


# Same Dimension

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



60.6007, 0.3060, 0.3473



92.9270, 0.3047, 0.3513



61.1265, 0.2985, 0.3336



13.2728, 0.3069, 0.3446



28.4236, 0.2852, 0.5468



1.6041, 0.2746, 0.5087



# Inverse Universe

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



53.5203, 0.3201, 0.3114



79.9265, 0.3218, 0.3077



53.0086, 0.3290, 0.3245



11.9367, 0.3190, 0.3139



9.4860, 0.4313, 0.2150

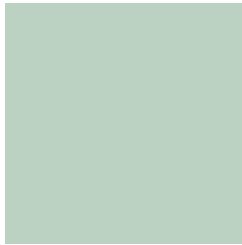


0.5450, 0.4060, 0.2010



# Previews

## White Background



This preview shows how the Yxy color 60.5981, 0.3060, 0.3473 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

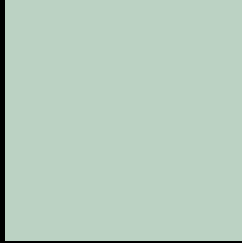
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.5981, 0.3060, 0.3473 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

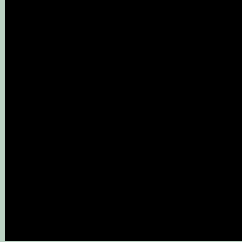
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

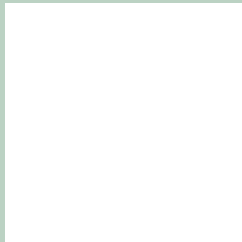
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 60.5981, 0.3060, 0.3473**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.5981, 0.3060, 0.3473.



This preview shows how white text looks on a background with the Yxy color 60.5981, 0.3060, 0.3473.

# 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

60.6230, 0.2916, 0.3102

# Trichromacy



**Original Color**

60.5981, 0.3060, 0.3473

**Protanomaly**

60.5049, 0.3196, 0.3456

**Deuteranomaly**

60.2693, 0.3242, 0.3348

**Tritanomaly**

60.3263, 0.2968, 0.3230

# Monochromacy



**Original Color**

60.5981, 0.3060, 0.3473

**Achromatopsia**

58.4078, 0.3127, 0.3290

**Achromatomaly**

59.0450, 0.3101, 0.3350

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.5981, 0.3060, 0.3473 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(187, 210, 195)` looks like.

```
.text, #text, p{  
    color:rgb(187, 210, 195)  
}
```

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(187, 210, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 210, 195) }
```

## Border

The CSS property to change the border of an element to Yxy 60.5981, 0.3060, 0.3473 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(187, 210, 195) }
```

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

```
.border{ border-color:rgb(187, 210, 195) }
```

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

Here you see how a box with a 4 pixel rgb(187, 210, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 210, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 210, 195);  
box-shadow:4px 4px 4px 4px rgb(187, 210,  
195) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.5981, 0.3060, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 210, 195) }
```

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

```
.background{ background-color: rgb(187,  
210, 195) }
```

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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