

Converting Colors

$Yxy(60.1146, 0.3124, 0.3777)$

Have a look what the booklet for
Yxy(60.1146, 0.3124, 0.3777)
contains.

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Color

Yxy(60.0308, 0.3119, 0.3770)

Conversions

Conversions Part 1

Format	Color
Hex	B1D5AF
RGB	177, 213, 175
RGB Percent	69%, 84%, 69%
CMY	0.3059, 0.1647, 0.3136
CMYK	0.17, 0.00, 0.18, 0.16
HSL	117°, 31%, 76%
HSV	117°, 18%, 84%
XYZ	49.6647, 60.0308, 49.5374
YIQ	197.9040, -9.2580, -19.4500

Conversions

Conversions Part 2

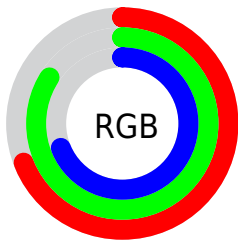
Format	Color
RYB	175, 213, 211
Decimal	11654575
CIELab	81.85, -19.07, 14.89
CIElCh	82, 24.192, 142.006
Yxy	60.0308, 0.3119, 0.3770
Android (android.graphics.Color)	4289844655 (0xFFB1D5AF)
YUV	197.9040, -11.2917, -18.3328
Hunter-Lab	77.4795, -21.1699, 16.3280

Details

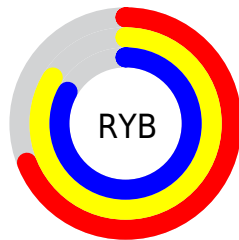
The Yxy color **60.0308, 0.3119, 0.3770** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.3257, 0.3131, 0.2849**, and the grayscale version is **56.4866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6132, 0.3128, 0.3532**, and **30.1439, 0.3117, 0.3907** is the 20% darker color. If you saturate the color by 10%, you get **57.0629, 0.3112, 0.4084**, and if you desaturate by 10%, it is **63.4867, 0.3124, 0.3488**.

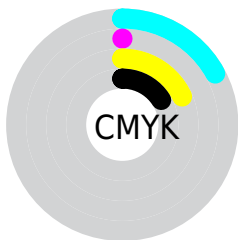
Distribution



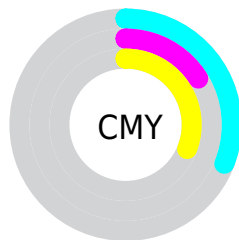
- Red (69%)
- Green (84%)
- Blue (69%)



- Red (69%)
- Yellow (84%)
- Blue (83%)



- Cyan (17%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)





- Cyan (31%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0308, 0.3119, 0.3770 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 60.0308, 0.3119, 0.3770 by changing the saturation by 10% instead.


 60.0308, 0.3119,
0.3770

 60.0308, 0.3119,
0.3770


424.7113, 0.3126,
0.3533

 43.4435, 0.3116,
0.3828


 104.8743, 0.3122,
0.3685

 30.2332, 0.3112,
0.3902


133.8993, 0.3124,
0.3652

 20.0157, 0.3106,
0.4000

167.8390, 0.3124,
0.3625

 12.4064, 0.3095,
0.4134

207.0778, 0.3125,
0.3601

 7.0211, 0.3076,
0.4329

252.0000, 0.3125,
0.3581

 3.4753, 0.3038,
0.4640

302.9900, 0.3126,

 1.3846, 0.3061,

0.3563

0.5420

360.4323, 0.3126,
0.3547

0.2054, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.0308, 0.3119,
0.3770

60.0308, 0.3119,
0.3770

57.0629, 0.3112,
0.4084

63.4867, 0.3124,
0.3488

54.5538, 0.3102,
0.4425

67.4430, 0.3128,
0.3239

52.4828, 0.3089,
0.4779

71.9214, 0.3130,
0.3022

50.8249, 0.3074,
0.5126

76.0704, 0.3146,
0.2881

■ 49.5522, 0.3058,
0.5443

■ 48.6338, 0.3040,
0.5701

■ 48.0335, 0.3024,
0.5881

■ 47.7060, 0.3010,
0.5978

■ 47.6621, 0.3009,
0.5993

Harmonies

Analogous

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



60.0308, 0.3425, 0.3846



60.0308, 0.3119, 0.3770



60.0308, 0.2826, 0.3543

Triad

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



60.0308, 0.3119, 0.3770



60.0308, 0.2614, 0.2817



60.0308, 0.3661, 0.3297

Complementary

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



60.0308, 0.3119, 0.3770



49.3257, 0.3131, 0.2849

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.



60.0308, 0.3423, 0.3051



60.0308, 0.3119, 0.3770



60.0308, 0.2817, 0.2781

Square

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



60.0308, 0.3119, 0.3770



60.0308, 0.2544, 0.2981



60.0308, 0.3111, 0.2866



60.0308, 0.3747, 0.3553

Rectangle

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



60.0308, 0.3119, 0.3770



60.0308, 0.2675, 0.3346



60.0308, 0.3111, 0.2866



60.0308, 0.3595, 0.3211

Sweetspot

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



60.0334, 0.3119, 0.3770



96.9851, 0.3125, 0.3415



63.5692, 0.3399, 0.3703



20.6715, 0.3125, 0.3433



0.0000, 0.0000, 0.0000



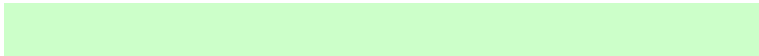
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0334, 0.3119, 0.3770



88.6291, 0.3117, 0.3873



60.4897, 0.2997, 0.3559



13.9265, 0.3124, 0.3530



29.1266, 0.3012, 0.5990



1.7679, 0.3051, 0.5960

Inverse Universe

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



49.3257, 0.3131, 0.2849



69.9387, 0.3131, 0.2763



48.8256, 0.3283, 0.3036



12.5983, 0.3130, 0.3060



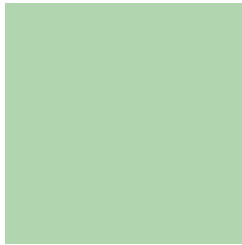
10.6117, 0.3080, 0.1470



0.6504, 0.3104, 0.1483

Previews

White Background



This preview shows how the Yxy color 60.0308, 0.3119, 0.3770 looks on a white background.

Color Contrast Check

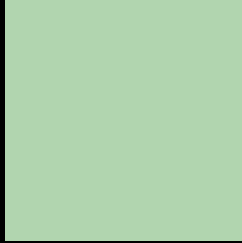
Large Text (above 18pt) WCAG AA × Fail

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 60.0308, 0.3119, 0.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

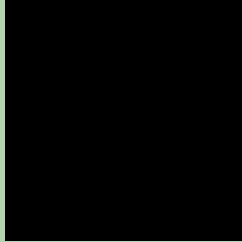
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0308, 0.3119, 0.3770

Background



This preview shows how black text looks on a background with the Yxy color 60.0308, 0.3119, 0.3770.

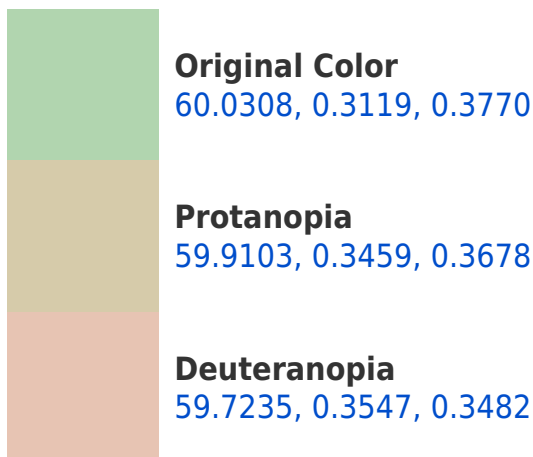


This preview shows how white text looks on a background with the Yxy color 60.0308, 0.3119, 0.3770.

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

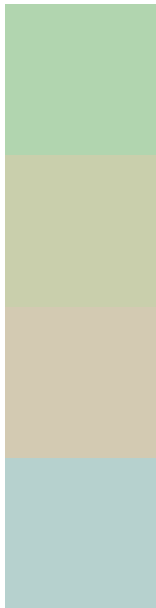




Tritanopia

59.7846, 0.2861, 0.3088

Trichromacy



Original Color

60.0308, 0.3119, 0.3770

Protanomaly

60.0217, 0.3331, 0.3713

Deuteranomaly

59.3043, 0.3376, 0.3574

Tritanomaly

60.0022, 0.2951, 0.3326

Monochromacy



Original Color

60.0308, 0.3119, 0.3770

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.3767, 0.3120, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0308, 0.3119, 0.3770 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(177, 213, 175)` looks like.

```
.text, #text, p{  
    color:rgb(177, 213, 175)  
}
```

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(177, 213, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 213, 175) }
```

Border

The CSS property to change the border of an element to Yxy 60.0308, 0.3119, 0.3770 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(177, 213, 175) }
```

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

```
.border{ border-color:rgb(177, 213, 175) }
```

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

Here you see how a box with a 4 pixel rgb(177, 213, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 213, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 213, 175);  
box-shadow:4px 4px 4px 4px rgb(177, 213,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0308, 0.3119, 0.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 213, 175) }
```

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

```
.background{ background-color: rgb(177,  
213, 175) }
```

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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