

Converting Colors

$Yxy(60.1257, 0.3080, 0.3768)$

Have a look what the booklet for
Yxy(60.1257, 0.3080, 0.3768)
contains.

Yxy(60.1120, 0.3083, 0.3773)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.1120, 0.3083, 0.3773)

Conversions

Conversions Part 1

Format	Color
Hex	ADD6B0
RGB	173, 214, 176
RGB Percent	68%, 84%, 69%
CMY	0.3215, 0.1608, 0.3098
CMYK	0.19, 0.00, 0.18, 0.16
HSL	124°, 33%, 76%
HSV	124°, 19%, 84%
XYZ	49.1188, 60.1120, 50.0907
YIQ	197.4090, -12.2380, -20.5100

Conversions

Conversions Part 2

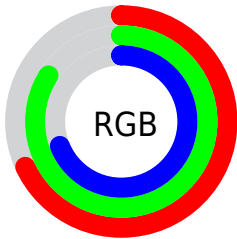
Format	Color
RYB	173, 211, 214
Decimal	11392688
CIELab	81.90, -20.74, 14.40
CIElCh	82, 25.245, 145.227
Yxy	60.1120, 0.3083, 0.3773
Android (android.graphics.Color)	4289582768 (0xFFADD6B0)
YUV	197.4090, -10.5546, -21.4067
Hunter-Lab	77.5319, -22.5957, 15.9671

Details

The Yxy color **60.1120, 0.3083, 0.3773** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.8918, 0.3174, 0.2850**, and the grayscale version is **56.1683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0042, 0.3098, 0.3524**, and **30.2194, 0.3070, 0.3911** is the 20% darker color. If you saturate the color by 10%, you get **57.1381, 0.3059, 0.4071**, and if you desaturate by 10%, it is **63.5964, 0.3107, 0.3506**.

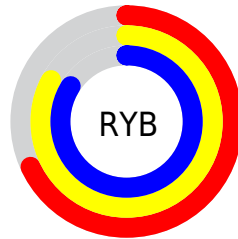
Distribution



Red (68%)

Green (84%)

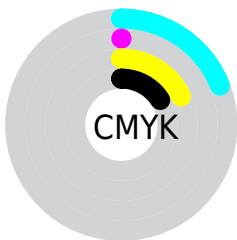
Blue (69%)



Red (68%)

Yellow (83%)

Blue (84%)

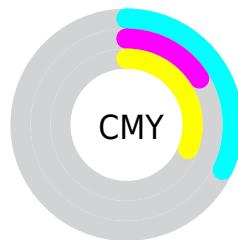


Cyan (19%)

Magenta (0%)

Yellow (18%)

Black (16%)



Cyan (32%)


Magenta (16%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1120, 0.3083, 0.3773 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 60.1120, 0.3083, 0.3773 by changing the saturation by 10% instead.


 60.1120, 0.3083,
0.3773

 60.1120, 0.3083,
0.3773

425.0105, 0.3108,
0.3534

 43.5089, 0.3076,
0.3832


 104.9921, 0.3093,
0.3687

 30.2846, 0.3067,
0.3906


134.0379, 0.3096,
0.3654

 20.0547, 0.3053,
0.4005


168.0001, 0.3099,
0.3627

 12.4348, 0.3034,
0.4141

207.2631, 0.3101,
0.3603

 7.0405, 0.3002,
0.4339

252.2112, 0.3103,
0.3583

 3.4875, 0.2944,
0.4654

303.2289, 0.3105,

 1.3912, 0.2908,

0.3565

360.7005, 0.3107,
0.3549

0.5424

0.2102, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.1120, 0.3083,
0.3773

60.1120, 0.3083,
0.3773

57.1381, 0.3059,
0.4071

63.5964, 0.3107,
0.3506

54.6437, 0.3036,
0.4394

67.6058, 0.3129,
0.3271

52.6059, 0.3014,
0.4732

72.1634, 0.3150,
0.3067

50.9969, 0.2997,
0.5068

76.5741, 0.3146,
0.2891

■ 49.7860, 0.2985,
0.5379

■ 48.9384, 0.2980,
0.5642

■ 48.4132, 0.2982,
0.5836

■ 48.1472, 0.2989,
0.5953

■ 48.1304, 0.2989,
0.5960

Harmonies

Analogous

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



60.1120, 0.3405, 0.3871



60.1120, 0.3083, 0.3773



60.1120, 0.2784, 0.3522

Triad

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



60.1120, 0.3083, 0.3773



60.1120, 0.2610, 0.2787



60.1120, 0.3702, 0.3326

Complementary

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



60.1120, 0.3083, 0.3773



48.8918, 0.3174, 0.2850

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.



60.1120, 0.3468, 0.3067



60.1120, 0.3083, 0.3773



60.1120, 0.2833, 0.2764

Square

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



60.1120, 0.3083, 0.3773



60.1120, 0.2521, 0.2943



60.1120, 0.3145, 0.2866



60.1120, 0.3773, 0.3589

Rectangle

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



60.1120, 0.3083, 0.3773



60.1120, 0.2635, 0.3314



60.1120, 0.3145, 0.2866



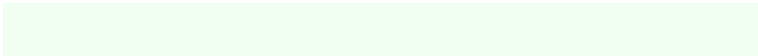
60.1120, 0.3640, 0.3236

Sweetspot

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



60.1146, 0.3083, 0.3773



96.3328, 0.3114, 0.3430



65.0004, 0.3392, 0.3767



20.5375, 0.3112, 0.3446



0.0000, 0.0000, 0.0000



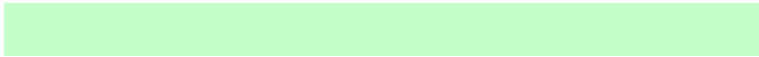
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1146, 0.3083, 0.3773



87.5026, 0.3073, 0.3891



60.9762, 0.2952, 0.3511



13.9105, 0.3106, 0.3513



29.0969, 0.2986, 0.5949



1.7603, 0.2943, 0.5794

Inverse Universe

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



48.8918, 0.3174, 0.2850



67.8451, 0.3185, 0.2755



47.9399, 0.3344, 0.3080



12.6163, 0.3149, 0.3077



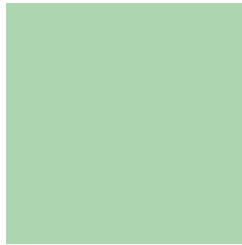
11.1225, 0.3400, 0.1647



0.6756, 0.3364, 0.1627

Previews

White Background



This preview shows how the Yxy color 60.1120, 0.3083, 0.3773 looks on a white background.

Color Contrast Check

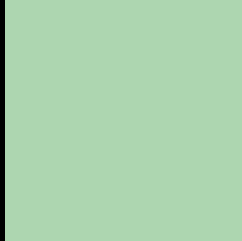
Large Text (above 18pt) WCAG AA × Fail

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 60.1120, 0.3083, 0.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

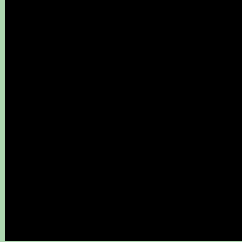
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1120, 0.3083, 0.3773

Background



This preview shows how black text looks on a background with the Yxy color 60.1120, 0.3083, 0.3773.

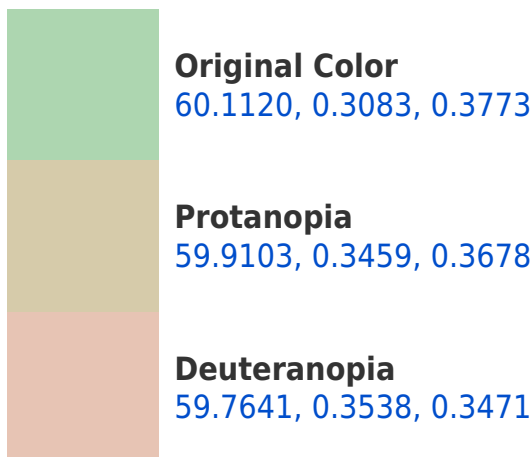


This preview shows how white text looks on a background with the Yxy color 60.1120, 0.3083, 0.3773.

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

59.8312, 0.2828, 0.3087

Trichromacy



Original Color

60.1120, 0.3083, 0.3773

Protanomaly

59.7463, 0.3315, 0.3715

Deuteranomaly

59.6682, 0.3359, 0.3574

Tritanomaly

60.0632, 0.2917, 0.3326

Monochromacy



Original Color

60.1120, 0.3083, 0.3773

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.0774, 0.3111, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1120, 0.3083, 0.3773 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(173, 214, 176)` looks like.

```
.text, #text, p{  
    color:rgb(173, 214, 176)  
}
```

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(173, 214, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 214, 176) }
```

Border

The CSS property to change the border of an element to Yxy 60.1120, 0.3083, 0.3773 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(173, 214, 176) }
```

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

```
.border{ border-color:rgb(173, 214, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 214, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 214, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 214, 176);  
box-shadow:4px 4px 4px 4px rgb(173, 214,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1120, 0.3083, 0.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 214, 176) }
```

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

```
.background{ background-color: rgb(173,  
214, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor