

Converting Colors

$Yxy(53.8368, 0.3060, 0.3757)$

Have a look what the booklet for
Yxy(53.8368, 0.3060, 0.3757)
contains.

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Color

Yxy(53.8368, 0.3060, 0.3757)

Conversions

Conversions Part 1

Format	Color
Hex	A3CCA9
RGB	163, 204, 169
RGB Percent	64%, 80%, 66%
CMY	0.3610, 0.1999, 0.3373
CMYK	0.20, 0.00, 0.17, 0.20
HSL	129°, 29%, 72%
HSV	129°, 20%, 80%
XYZ	43.8490, 53.8368, 45.6115
YIQ	187.7510, -13.2010, -19.5770

Conversions

Conversions Part 2

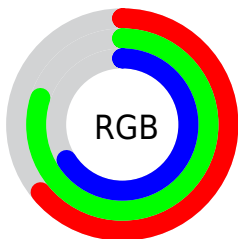
Format	Color
RYB	163, 199, 204
Decimal	10734761
CIELab	78.37, -20.41, 13.05
CIELCh	78, 24.224, 147.392
Yxy	53.8368, 0.3060, 0.3757
Android (android.graphics.Color)	4288924841 (0xFFA3CCA9)
YUV	187.7510, -9.2442, -21.7066
Hunter-Lab	73.3736, -21.7299, 14.5048

Details

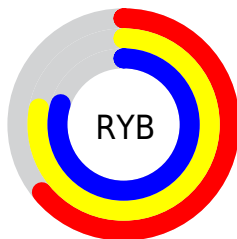
The Yxy color **53.8368, 0.3060, 0.3757** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.0900, 0.3202, 0.2864**, and the grayscale version is **50.1947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8072, 0.3075, 0.3614**, and **26.4766, 0.3040, 0.3894** is the 20% darker color. If you saturate the color by 10%, you get **51.2468, 0.3027, 0.4031**, and if you desaturate by 10%, it is **56.8657, 0.3094, 0.3511**.

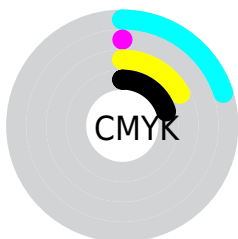
Distribution



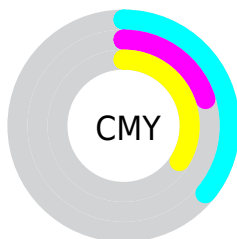
- Red (64%)
- Green (80%)
- Blue (66%)



- Red (64%)
- Yellow (78%)
- Blue (80%)



- Cyan (20%)
- Magenta (0%)
- Yellow (17%)
- Black (20%)





- Cyan (36%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8368, 0.3060, 0.3757 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 53.8368, 0.3060, 0.3757 by changing the saturation by 10% instead.


 53.8368, 0.3060,
0.3757


 53.8368, 0.3060,
0.3757


401.4874, 0.3096,
0.3522

 38.4712, 0.3050,
0.3816


 95.8346, 0.3074,
0.3671

 26.3486, 0.3037,
0.3892


 123.2356, 0.3079,
0.3639

 17.0846, 0.3019,
0.3994


155.4171, 0.3083,
0.3612

 10.2948, 0.2991,
0.4136

192.7636, 0.3086,
0.3589

 5.5949, 0.2948,
0.4350

235.6595, 0.3089,
0.3569

 2.6003, 0.2867,
0.4705

284.4892, 0.3092,

 0.9268, 0.2721,

0.3551

0.6597

339.6370, 0.3094,
0.3536

0.0000, 0.0000,
0.0000

53.8368, 0.3060,
0.3757

53.8368, 0.3060,
0.3757

51.2468, 0.3027,
0.4031

56.8657, 0.3094,
0.3511

49.0688, 0.2996,
0.4330

60.3453, 0.3127,
0.3293

47.2834, 0.2970,
0.4643

64.2957, 0.3158,
0.3102

45.8670, 0.2951,
0.4960

68.7333, 0.3188,
0.2937

44.7935, 0.2941,
0.5261

71.6743, 0.3151,
0.2792

■ 44.0332, 0.2941,
0.5527

■ 43.5513, 0.2952,
0.5738

■ 43.2882, 0.2968,
0.5885

Harmonies

Analogous

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



53.8368, 0.3381, 0.3867



53.8368, 0.3060, 0.3757



53.8368, 0.2767, 0.3499

Triad

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



53.8368, 0.3060, 0.3757



53.8368, 0.2624, 0.2783



53.8368, 0.3711, 0.3345

Complementary

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



53.8368, 0.3060, 0.3757



43.0900, 0.3202, 0.2864

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.



53.8368, 0.3487, 0.3085



53.8368, 0.3060, 0.3757



53.8368, 0.2855, 0.2769

Square

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



53.8368, 0.3060, 0.3757



53.8368, 0.2525, 0.2929



53.8368, 0.3169, 0.2879



53.8368, 0.3768, 0.3606

Rectangle

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



53.8368, 0.3060, 0.3757



53.8368, 0.2625, 0.3291



53.8368, 0.3169, 0.2879



53.8368, 0.3652, 0.3255

Sweetspot

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



53.8391, 0.3060, 0.3757



96.4008, 0.3107, 0.3419



57.9161, 0.3383, 0.3794



20.5535, 0.3105, 0.3433



0.0000, 0.0000, 0.0000



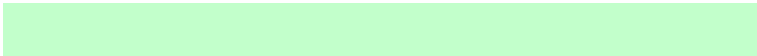
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8391, 0.3060, 0.3757



87.2657, 0.3046, 0.3868



54.6471, 0.2926, 0.3486



12.5634, 0.3096, 0.3494



27.2493, 0.2964, 0.5869



1.4146, 0.2879, 0.5563

Inverse Universe

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



43.0900, 0.3202, 0.2864



66.4077, 0.3221, 0.2773



42.2287, 0.3382, 0.3103



11.3742, 0.3160, 0.3095



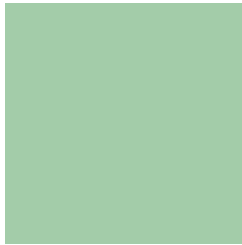
10.0133, 0.3616, 0.1766



0.5245, 0.3525, 0.1715

Previews

White Background



This preview shows how the Yxy color 53.8368, 0.3060, 0.3757 looks on a white background.

Color Contrast Check

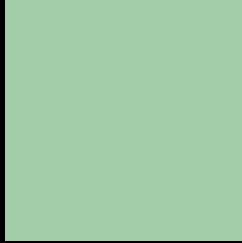
Large Text (above 18pt) WCAG AA × Fail

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 53.8368, 0.3060, 0.3757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

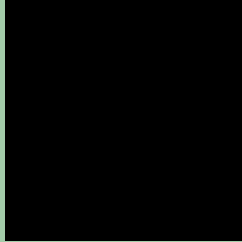
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8368, 0.3060, 0.3757

Background



This preview shows how black text looks on a background with the Yxy color 53.8368, 0.3060, 0.3757.



This preview shows how white text looks on a background with the Yxy color 53.8368, 0.3060, 0.3757.

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

53.8368, 0.3060, 0.3757

Protanopia

53.6216, 0.3452, 0.3659

Deuteranopia

53.3506, 0.3525, 0.3444



Tritanopia

53.9011, 0.2816, 0.3090

Trichromacy



Original Color

53.8368, 0.3060, 0.3757

Protanomaly

53.4679, 0.3301, 0.3697

Deuteranomaly

53.2606, 0.3338, 0.3551

Tritanomaly

53.7106, 0.2901, 0.3315

Monochromacy



Original Color

53.8368, 0.3060, 0.3757

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.5035, 0.3103, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8368, 0.3060, 0.3757 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(163, 204, 169)` looks like.

```
.text, #text, p{  
    color:rgb(163, 204, 169)  
}
```

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(163, 204, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 204, 169) }
```

Border

The CSS property to change the border of an element to Yxy 53.8368, 0.3060, 0.3757 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(163, 204, 169) }
```

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

```
.border{ border-color:rgb(163, 204, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 204, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 204, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 204, 169);  
box-shadow:4px 4px 4px 4px rgb(163, 204,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8368, 0.3060, 0.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 204, 169) }
```

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

```
.background{ background-color: rgb(163,  
204, 169) }
```

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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