

Converting Colors

$Y_{xy}(53.8768, 0.2922, 0.3370)$

Have a look what the booklet for
Yxy(53.8768, 0.2922, 0.3370)
contains.

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Color

Yxy(54.0382, 0.2921, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	A8C9C3
RGB	168, 201, 195
RGB Percent	66%, 79%, 76%
CMY	0.3412, 0.2117, 0.2354
CMYK	0.16, 0.00, 0.03, 0.21
HSL	169°, 23%, 72%
HSV	169°, 16%, 79%
XYZ	46.8802, 54.0382, 59.5752
YIQ	190.4490, -17.7420, -8.8620

Conversions

Conversions Part 2

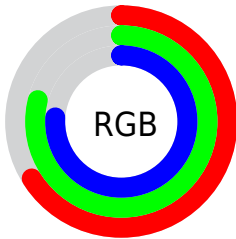
Format	Color
RYB	168, 186, 201
Decimal	11061699
CIELab	78.48, -12.21, -0.68
CIELCh	78, 12.226, 183.175
Yxy	54.0382, 0.2921, 0.3367
Android (android.graphics.Color)	4289251779 (0xFFA8C9C3)
YUV	190.4490, 2.2436, -19.6878
Hunter-Lab	73.5107, -14.8084, 3.4071

Details

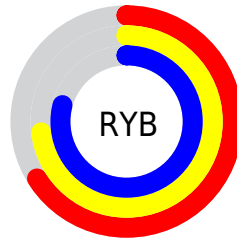
The Yxy color **54.0382, 0.2921, 0.3367** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.4744, 0.3382, 0.3215**, and the grayscale version is **51.7579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3956, 0.2957, 0.3320**, and **26.4354, 0.2865, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **51.8383, 0.2805, 0.3420**, and if you desaturate by 10%, it is **56.5877, 0.3045, 0.3319**.

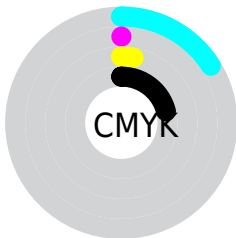
Distribution



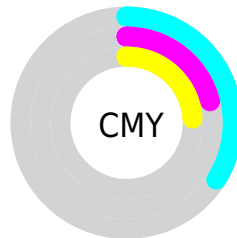
- Red (66%)
- Green (79%)
- Blue (76%)



- Red (66%)
- Yellow (73%)
- Blue (79%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)




- Cyan (34%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0382, 0.2921, 0.3367 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 54.0382, 0.2921, 0.3367 by changing the saturation by 10% instead.

 54.0382, 0.2921,
0.3367


 54.0382, 0.2921,
0.3367


402.2557, 0.3021,
0.3330

 38.6322, 0.2897,
0.3376


 96.1303, 0.2957,
0.3354

 26.4737, 0.2866,
0.3387


 123.5853, 0.2971,
0.3349

 17.1784, 0.2826,
0.3402


155.8253, 0.2982,
0.3344

 10.3617, 0.2771,
0.3422

193.2348, 0.2992,
0.3341

 5.6395, 0.2692,
0.3450

236.1982, 0.3001,
0.3337

 2.6271, 0.2569,
0.3495

285.0999, 0.3009,

 0.9403, 0.2280,

0.3335

0.3604

340.3242, 0.3015,
0.3332

0.0000, 0.0000,
0.0000

54.0382, 0.2921,
0.3367

54.0382, 0.2921,
0.3367

51.8383, 0.2805,
0.3420

56.5877, 0.3045,
0.3319

49.9657, 0.2699,
0.3476

59.4946, 0.3173,
0.3275

48.4056, 0.2607,
0.3536


62.7751, 0.3305,
0.3236


47.1397, 0.2531,
0.3599


66.4421, 0.3436,
0.3201


46.1478, 0.2472,
0.3664


67.8597, 0.3460,
0.3165


 45.4068, 0.2433,
0.3730


 68.0486, 0.3432,
0.3128

 44.8901, 0.2413,
0.3796

 68.2419, 0.3403,
0.3091

 44.5633, 0.2411,
0.3861

 68.4394, 0.3375,
0.3054

 44.4693, 0.2412,
0.3885

 68.6412, 0.3348,
0.3018

Harmonies

Analogous

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



54.0382, 0.3065, 0.3499



54.0382, 0.2921, 0.3367



54.0382, 0.2832, 0.3216

Triad

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



54.0382, 0.2921, 0.3367



54.0382, 0.3020, 0.3025



54.0382, 0.3443, 0.3479

Complementary

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



54.0382, 0.2921, 0.3367



43.4744, 0.3382, 0.3215

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.



54.0382, 0.3431, 0.3351



54.0382, 0.2921, 0.3367



54.0382, 0.3183, 0.3094

Square

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



54.0382, 0.2921, 0.3367



54.0382, 0.2888, 0.3023



54.0382, 0.3335, 0.3211



54.0382, 0.3368, 0.3562

Rectangle

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



54.0382, 0.2921, 0.3367



54.0382, 0.2815, 0.3128



54.0382, 0.3335, 0.3211



54.0382, 0.3449, 0.3440

Sweetspot

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



54.0404, 0.2921, 0.3367



97.5124, 0.3062, 0.3312



53.6079, 0.3154, 0.3722



20.7996, 0.3053, 0.3316



0.0000, 0.0000, 0.0000



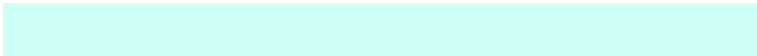
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0404, 0.2921, 0.3367



90.9918, 0.2875, 0.3387



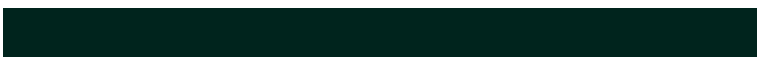
49.6070, 0.2875, 0.3154



12.0330, 0.3008, 0.3332



27.9697, 0.2410, 0.3875



1.3333, 0.2372, 0.3739

Inverse Universe

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



43.4744, 0.3382, 0.3215



69.2659, 0.3455, 0.3196



47.2623, 0.3415, 0.3422



10.6681, 0.3261, 0.3248



7.9004, 0.6100, 0.3134



0.3840, 0.5542, 0.2826

Previews

White Background



This preview shows how the Yxy color 54.0382, 0.2921, 0.3367 looks on a white background.

Color Contrast Check

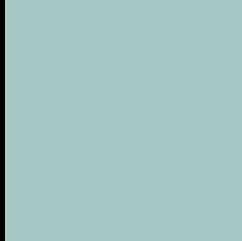
Large Text (above 18pt) WCAG AA × Fail

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 54.0382, 0.2921, 0.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

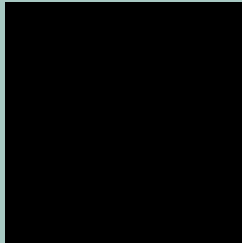
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0382, 0.2921, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 54.0382, 0.2921, 0.3367.



This preview shows how white text looks on a background with the Yxy color 54.0382, 0.2921, 0.3367.

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

54.0382, 0.2921, 0.3367

Protanopia

53.8634, 0.3190, 0.3327

Deuteranopia

53.8925, 0.3240, 0.3173



Tritanopia

53.9011, 0.2816, 0.3090

Trichromacy



Original Color

54.0382, 0.2921, 0.3367

Protanomaly

53.8504, 0.3085, 0.3340

Deuteranomaly

53.7732, 0.3113, 0.3241

Tritanomaly

53.8979, 0.2855, 0.3188

Monochromacy



Original Color

54.0382, 0.2921, 0.3367

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.3344, 0.3047, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0382, 0.2921, 0.3367 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(168, 201, 195)` looks like.

```
.text, #text, p{  
    color:rgb(168, 201, 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(168, 201, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 201, 195) }
```

Border

The CSS property to change the border of an element to Yxy 54.0382, 0.2921, 0.3367 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(168, 201, 195) }
```

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

```
.border{ border-color:rgb(168, 201, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 201, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 201, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 201, 195); box-shadow:4px 4px 4px 4px rgb(168, 201, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0382, 0.2921, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 201, 195) }
```

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

```
.background{ background-color: rgb(168,  
201, 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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