

Converting Colors

$Yxy(52.8958, 0.2857, 0.3364)$

Have a look what the booklet for
Yxy(52.8958, 0.2857, 0.3364)
contains.

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Color

Yxy(53.0843, 0.2857, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	9FC9C3
RGB	159, 201, 195
RGB Percent	62%, 79%, 76%
CMY	0.3766, 0.2117, 0.2353
CMYK	0.21, 0.00, 0.03, 0.21
HSL	171°, 28%, 71%
HSV	171°, 21%, 79%
XYZ	45.0302, 53.0843, 59.4992
YIQ	187.7580, -23.1060, -10.7700

Conversions

Conversions Part 2

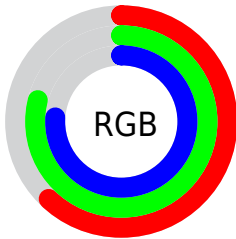
Format	Color
R_{YB}	159, 182, 201
Decimal	10471875
CIE _{Lab}	77.92, -15.06, -1.57
CIE _{LCh}	78, 15.145, 185.957
Yxy	53.0843, 0.2857, 0.3368
Android (android.graphics.Color)	4288661955 (0xFF9FC9C3)
YUV	187.7580, 3.5703, -25.2208
Hunter-Lab	72.8590, -17.1819, 2.5830

Details

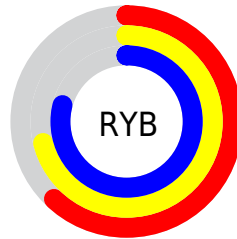
The Yxy color **53.0843, 0.2857, 0.3368** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.9223, 0.3484, 0.3214**, and the grayscale version is **50.1322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8444, 0.2899, 0.3320**, and **25.9163, 0.2792, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **51.0674, 0.2741, 0.3410**, and if you desaturate by 10%, it is **55.4422, 0.2983, 0.3329**.

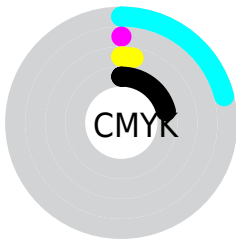
Distribution



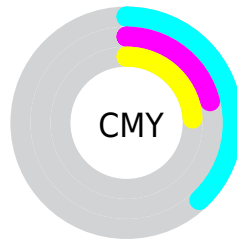
- Red (62%)
- Green (79%)
- Blue (76%)



- Red (62%)
- Yellow (71%)
- Blue (79%)



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




- Cyan (38%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0843, 0.2857, 0.3368 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 53.0843, 0.2857, 0.3368 by changing the saturation by 10% instead.


 53.0843, 0.2857,
0.3368


 53.0843, 0.2857,
0.3368


398.6085, 0.2989,
0.3331

 37.8701, 0.2825,
0.3377

 94.7284, 0.2904,
0.3355

 25.8819, 0.2785,
0.3388


 121.9271, 0.2922,
0.3350

 16.7353, 0.2732,
0.3402


153.8893, 0.2937,
0.3345

 10.0459, 0.2660,
0.3422

190.9996, 0.2950,
0.3342

 5.4294, 0.2556,
0.3449

233.6422, 0.2962,
0.3338

 2.5014, 0.2394,
0.3490

282.2017, 0.2972,

 0.8773, 0.1933,

0.3335

0.3637

337.0623, 0.2981,
0.3333

0.0000, 0.0000,
0.0000

53.0843, 0.2857,
0.3368

53.0843, 0.2857,
0.3368

51.0674, 0.2741,
0.3410

55.4422, 0.2983,
0.3329

49.3688, 0.2637,
0.3455

58.1497, 0.3115,
0.3293

47.9732, 0.2548,
0.3503


61.2230, 0.3251,
0.3261

46.8615, 0.2477,
0.3552

64.6755, 0.3389,
0.3232

46.0123, 0.2424,
0.3602

67.6605, 0.3491,
0.3205


 45.4012, 0.2390,
0.3653

 67.8047, 0.3468,
0.3176

 44.9992, 0.2376,
0.3703

 67.9514, 0.3446,
0.3147

 44.7664, 0.2375,
0.3748

 68.1007, 0.3424,
0.3118

 68.2526, 0.3402,
0.3089

Harmonies

Analogous

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



53.0843, 0.3031, 0.3539



53.0843, 0.2857, 0.3368



53.0843, 0.2756, 0.3180

Triad

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



53.0843, 0.2857, 0.3368



53.0843, 0.3011, 0.2968



53.0843, 0.3517, 0.3537

Complementary

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



53.0843, 0.2857, 0.3368



39.9223, 0.3484, 0.3214

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.



53.0843, 0.3513, 0.3380



53.0843, 0.2857, 0.3368



53.0843, 0.3215, 0.3059

Square

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



53.0843, 0.2857, 0.3368



53.0843, 0.2842, 0.2956



53.0843, 0.3401, 0.3207



53.0843, 0.3414, 0.3634

Rectangle

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



53.0843, 0.2857, 0.3368



53.0843, 0.2741, 0.3073



53.0843, 0.3401, 0.3207



53.0843, 0.3529, 0.3489

Sweetspot

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



53.0865, 0.2857, 0.3368



97.0726, 0.3046, 0.3311



52.3099, 0.3149, 0.3856



20.7123, 0.3037, 0.3314



0.0000, 0.0000, 0.0000



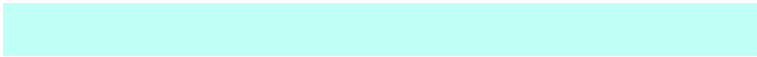
21.4041, 0.3127, 0.3290

Same Dimension

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



53.0865, 0.2857, 0.3368



89.2751, 0.2804, 0.3386



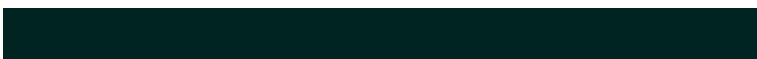
46.8291, 0.2805, 0.3094



12.0405, 0.3003, 0.3323



28.1544, 0.2373, 0.3741



1.3405, 0.2344, 0.3637

Inverse Universe

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



39.9223, 0.3484, 0.3214



62.8183, 0.3582, 0.3197



45.0724, 0.3505, 0.3478



10.6613, 0.3267, 0.3257



7.8709, 0.6192, 0.3185



0.3809, 0.5701, 0.2914

Previews

White Background



This preview shows how the Yxy color 53.0843, 0.2857, 0.3368 looks on a white background.

Color Contrast Check

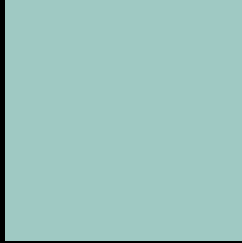
Large Text (above 18pt) WCAG AA × Fail

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 53.0843, 0.2857, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

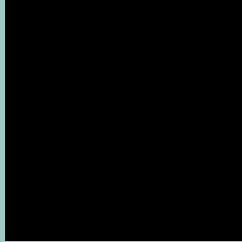
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

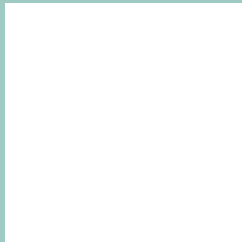
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0843, 0.2857, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 53.0843, 0.2857, 0.3368.

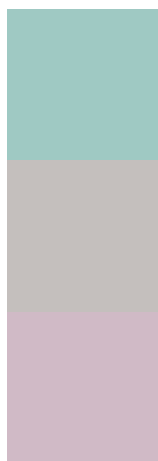


This preview shows how white text looks on a background with the Yxy color 53.0843, 0.2857, 0.3368.

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

53.0843, 0.2857, 0.3368

Protanopia

52.6715, 0.3183, 0.3315

Deuteranopia

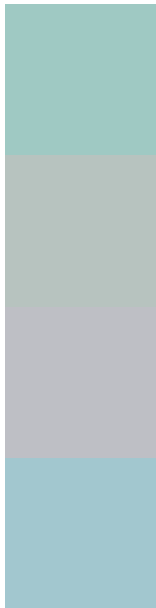
52.6049, 0.3217, 0.3148



Tritanopia

53.0297, 0.2761, 0.3086

Trichromacy



Original Color

53.0843, 0.2857, 0.3368

Protanomaly

52.8591, 0.3062, 0.3340

Deuteranomaly

52.2400, 0.3074, 0.3216

Tritanomaly

53.0332, 0.2799, 0.3186

Monochromacy



Original Color

53.0843, 0.2857, 0.3368

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.2486, 0.3015, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0843, 0.2857, 0.3368 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(159, 201, 195)` looks like.

```
.text, #text, p{  
    color:rgb(159, 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(159, 201, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 201, 195) }
```

Border

The CSS property to change the border of an element to Yxy 53.0843, 0.2857, 0.3368 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(159, 201, 195) }
```

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

```
.border{ border-color:rgb(159, 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(159, 201, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 201, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 201, 195);  
box-shadow:4px 4px 4px 4px rgb(159, 201,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0843, 0.2857, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 201, 195) }
```

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

```
.background{ background-color: rgb(159,  
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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