

Converting Colors

$Yxy(53.6623, 0.2873, 0.3309)$

Have a look what the booklet for
Yxy(53.6623, 0.2873, 0.3309)
contains.

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Color

Yxy(53.8961, 0.2873, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	A5C9C7
RGB	165, 201, 199
RGB Percent	65%, 79%, 78%
CMY	0.3530, 0.2117, 0.2196
CMYK	0.18, 0.00, 0.01, 0.21
HSL	177°, 25%, 72%
HSV	177°, 18%, 79%
XYZ	46.7100, 53.8961, 61.9765
YIQ	190.0080, -20.8140, -8.2540

Conversions

Conversions Part 2

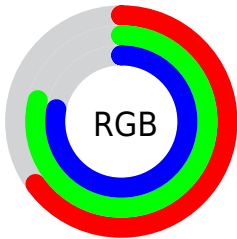
Format	Color
RYB	165, 184, 201
Decimal	10865095
CIELab	78.40, -12.33, -2.99
CIELCh	78, 12.686, 193.628
Yxy	53.8961, 0.2873, 0.3315
Android (android.graphics.Color)	4289055175 (0xFFA5C9C7)
YUV	190.0080, 4.4331, -21.9320
Hunter-Lab	73.4140, -14.9030, 1.3368

Details

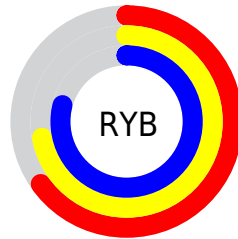
The Yxy color **53.8961, 0.2873, 0.3315** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.1123, 0.3452, 0.3265**, and the grayscale version is **51.4798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9556, 0.2917, 0.3289**, and **26.3565, 0.2803, 0.3324** is the 20% darker color. If you saturate the color by 10%, you get **51.8581, 0.2744, 0.3331**, and if you desaturate by 10%, it is **56.2776, 0.3012, 0.3301**.

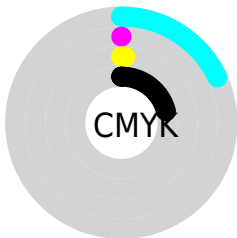
Distribution



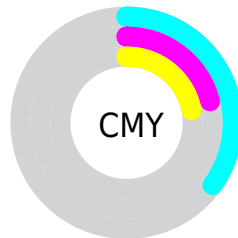
- Red (65%)
- Green (79%)
- Blue (78%)



- Red (65%)
- Yellow (72%)
- Blue (79%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)




- Cyan (35%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8961, 0.2873, 0.3315 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 53.8961, 0.2873, 0.3315 by changing the saturation by 10% instead.


 53.8961, 0.2873,
0.3315

 53.8961, 0.2873,
0.3315


401.7137, 0.2996,
0.3304

 38.5186, 0.2843,
0.3317


 95.9217, 0.2917,
0.3311

 26.3854, 0.2806,
0.3320


 123.3385, 0.2934,
0.3310

 17.1122, 0.2757,
0.3324


155.5373, 0.2948,
0.3308

 10.3145, 0.2690,
0.3328

192.9024, 0.2960,
0.3307

 5.6080, 0.2595,
0.3334

235.8182, 0.2971,
0.3306

 2.6082, 0.2446,
0.3340

284.6691, 0.2981,

 0.9308, 0.2113,

0.3305

339.8394, 0.2989,
0.3305

0.3374

0.0000, 0.0000,
0.0000

53.8961, 0.2873,
0.3315

53.8961, 0.2873,
0.3315

51.8581, 0.2744,
0.3331

56.2776, 0.3012,
0.3301

50.1413, 0.2628,
0.3347

59.0108, 0.3158,
0.3287

48.7307, 0.2527,
0.3365


62.1117, 0.3308,
0.3275

47.6079, 0.2444,
0.3383

65.5935, 0.3460,
0.3265


46.7521, 0.2379,
0.3401

67.4251, 0.3528,
0.3254

 46.1401, 0.2334,
0.3420

 67.4791, 0.3519,
0.3243

 45.7443, 0.2307,
0.3438

 67.5335, 0.3511,
0.3231

 45.5246, 0.2296,
0.3456

 67.5883, 0.3502,
0.3220

 45.4875, 0.2295,
0.3460

 67.6435, 0.3493,
0.3209

Harmonies

Analogous

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



53.8961, 0.3006, 0.3465



53.8961, 0.2873, 0.3315



53.8961, 0.2807, 0.3163

Triad

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



53.8961, 0.2873, 0.3315



53.8961, 0.3073, 0.3033



53.8961, 0.3438, 0.3523

Complementary

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



53.8961, 0.2873, 0.3315



42.1123, 0.3452, 0.3265

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.



53.8961, 0.3458, 0.3403



53.8961, 0.2873, 0.3315



53.8961, 0.3244, 0.3124

Square

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



53.8961, 0.2873, 0.3315



53.8961, 0.2920, 0.3006



53.8961, 0.3387, 0.3258



53.8961, 0.3333, 0.3585

Rectangle

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



53.8961, 0.2873, 0.3315



53.8961, 0.2809, 0.3082



53.8961, 0.3387, 0.3258



53.8961, 0.3455, 0.3488

Sweetspot

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



53.8983, 0.2873, 0.3315



97.6160, 0.3053, 0.3297



52.7505, 0.3123, 0.3770



20.8248, 0.3043, 0.3298



0.0000, 0.0000, 0.0000



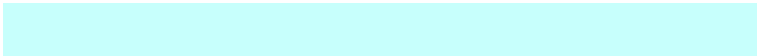
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8983, 0.2873, 0.3315



90.6692, 0.2815, 0.3322



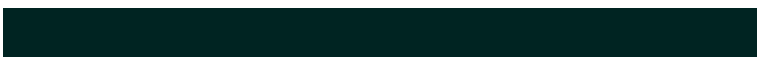
47.0793, 0.2849, 0.3085



12.0570, 0.2991, 0.3303



28.6028, 0.2294, 0.3457



1.3575, 0.2283, 0.3419

Inverse Universe

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



42.1123, 0.3452, 0.3265



66.3260, 0.3553, 0.3259



48.0175, 0.3436, 0.3487



10.6463, 0.3281, 0.3278



7.8275, 0.6333, 0.3262



0.3740, 0.6103, 0.3136

Previews

White Background



This preview shows how the Yxy color 53.8961, 0.2873, 0.3315 looks on a white background.

Color Contrast Check

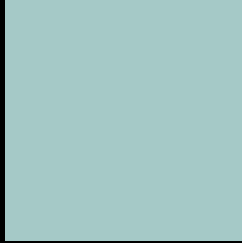
Large Text (above 18pt) WCAG AA × Fail

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 53.8961, 0.2873, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

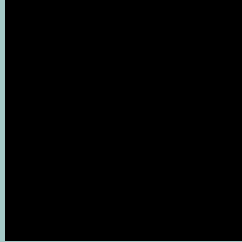
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

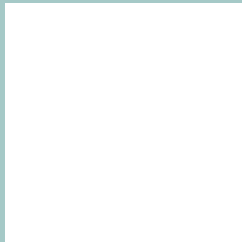
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8961, 0.2873, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 53.8961, 0.2873, 0.3315.

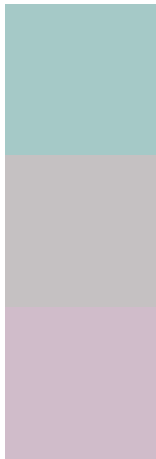


This preview shows how white text looks on a background with the Yxy color 53.8961, 0.2873, 0.3315.

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

53.8961, 0.2873, 0.3315

Protanopia

53.9053, 0.3152, 0.3278

Deuteranopia

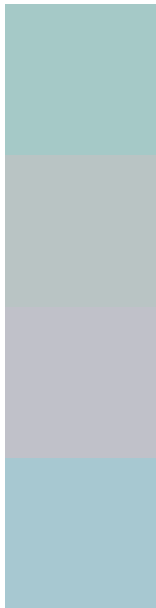
53.6406, 0.3184, 0.3125



Tritanopia

54.0267, 0.2796, 0.3101

Trichromacy



Original Color

53.8961, 0.2873, 0.3315

Protanomaly

53.7797, 0.3041, 0.3290

Deuteranomaly

53.5634, 0.3060, 0.3192

Tritanomaly

54.1275, 0.2822, 0.3175

Monochromacy



Original Color

53.8961, 0.2873, 0.3315

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.2576, 0.3032, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8961, 0.2873, 0.3315 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(165, 201, 199)` looks like.

```
.text, #text, p{  
    color:rgb(165, 201, 199)  
}
```

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(165, 201, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 201, 199) }
```

Border

The CSS property to change the border of an element to Yxy 53.8961, 0.2873, 0.3315 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(165, 201, 199) }
```

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

```
.border{ border-color:rgb(165, 201, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 201, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 201, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 201, 199); box-shadow:4px 4px 4px 4px rgb(165, 201, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8961, 0.2873, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 201, 199) }
```

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

```
.background{ background-color: rgb(165,  
201, 199) }
```

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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