

Converting Colors

$Yxy(53.8857, 0.2864, 0.3528)$

Have a look what the booklet for
Yxy(53.8857, 0.2864, 0.3528)
contains.

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Color

Yxy(53.9259, 0.2863, 0.3529)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 98CDBB |
| RGB | 152, 205, 187 |
| RGB Percent | 60%, 80%, 73% |
| CMY | 0.4040, 0.1961, 0.2665 |
| CMYK | 0.26, 0.00, 0.09, 0.20 |
| HSL | 160°, 35%, 70% |
| HSV | 160°, 26%, 80% |
| XYZ | 43.7489, 53.9259, 55.1331 |
| YIQ | 187.1010, -25.8100, -16.8340 |

Conversions

Conversions Part 2

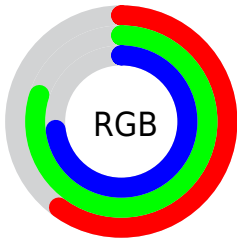
| Format | Color |
|-------------------------------------|--|
| RYB | 152, 184, 205 |
| Decimal | 10014139 |
| CIELab | 78.42, -20.92, 3.38 |
| CIELCh | 78, 21.195, 170.821 |
| Yxy | 53.9259, 0.2863, 0.3529 |
| Android (android.graphics.Color) | 4288204219 (0xFF98CDBB) |
| YUV | 187.1010, -0.0498, -30.7836 |
| Hunter-Lab | 73.4343, -22.1675, 6.8901 |

Details

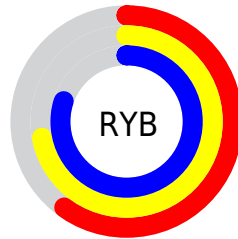
The Yxy color **53.9259, 0.2863, 0.3529** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.3296, 0.3490, 0.3064**, and the grayscale version is **49.7647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2565, 0.2906, 0.3415**, and **26.5638, 0.2795, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **51.8278, 0.2773, 0.3637**, and if you desaturate by 10%, it is **56.3847, 0.2961, 0.3429**.

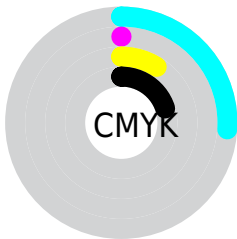
Distribution



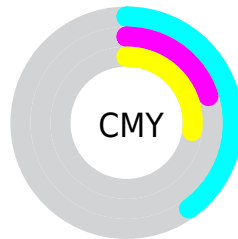
- Red (60%)
- Green (80%)
- Blue (73%)



- Red (60%)
- Yellow (72%)
- Blue (80%)



- Cyan (26%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)





- Cyan (40%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9259, 0.2863, 0.3529 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 53.9259, 0.2863, 0.3529 by changing the saturation by 10% instead.


 53.9259, 0.2863,
0.3529

 53.9259, 0.2863,
0.3529


401.8274, 0.2993,
0.3411

 38.5424, 0.2831,
0.3558

 95.9654, 0.2910,
0.3486

 26.4039, 0.2791,
0.3595


 123.3903, 0.2927,
0.3470

 17.1261, 0.2739,
0.3645


155.5977, 0.2942,
0.3457

 10.3244, 0.2666,
0.3713

192.9721, 0.2955,
0.3445

 5.6146, 0.2561,
0.3813

235.8979, 0.2966,
0.3435

 2.6122, 0.2395,
0.3975

284.7594, 0.2976,

 0.9328, 0.1798,

0.3426

0.4471

339.9411, 0.2985,
0.3418

0.0000, 0.0000,
0.0000

53.9259, 0.2863,
0.3529

53.9259, 0.2863,
0.3529

51.8278, 0.2773,
0.3637

56.3847, 0.2961,
0.3429

50.0660, 0.2695,
0.3754

59.2141, 0.3065,
0.3339

48.6232, 0.2631,
0.3877


62.4317, 0.3171,
0.3257


47.4782, 0.2584,
0.4004


66.0522, 0.3279,
0.3185


46.6069, 0.2556,
0.4135


70.0893, 0.3385,
0.3121

 45.9813, 0.2549,
0.4265

 70.5676, 0.3338,
0.3052

 45.5666, 0.2560,
0.4394

 70.9630, 0.3287,
0.2984

 45.4296, 0.2569,
0.4446

 71.3742, 0.3237,
0.2917

 71.8012, 0.3188,
0.2852

Harmonies

Analogous

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



53.9259, 0.3132, 0.3729



53.9259, 0.2863, 0.3529



53.9259, 0.2669, 0.3262

Triad

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



53.9259, 0.2863, 0.3529



53.9259, 0.2836, 0.2824



53.9259, 0.3690, 0.3523

Complementary

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



53.9259, 0.2863, 0.3529



38.3296, 0.3490, 0.3064

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.



53.9259, 0.3605, 0.3289



53.9259, 0.2863, 0.3529



53.9259, 0.3102, 0.2898

Square

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



53.9259, 0.2863, 0.3529



53.9259, 0.2655, 0.2864



53.9259, 0.3386, 0.3065



53.9259, 0.3615, 0.3711

Rectangle

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



53.9259, 0.2863, 0.3529



53.9259, 0.2605, 0.3092



53.9259, 0.3386, 0.3065



53.9259, 0.3679, 0.3447

Sweetspot

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



53.9281, 0.2863, 0.3529



95.8967, 0.3041, 0.3358



54.5381, 0.3235, 0.3992



20.3707, 0.3025, 0.3372



0.0000, 0.0000, 0.0000



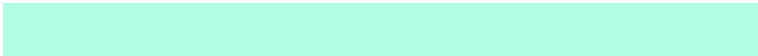
21.4041, 0.3127, 0.3290

Same Dimension

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



53.9281, 0.2863, 0.3529



86.3571, 0.2812, 0.3588



51.0374, 0.2742, 0.3184



12.6599, 0.3028, 0.3370



28.2980, 0.2563, 0.4428



1.4737, 0.2494, 0.4178

Inverse Universe

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



38.3296, 0.3490, 0.3064



56.5908, 0.3594, 0.3013



40.3641, 0.3648, 0.3393



11.2754, 0.3238, 0.3212



8.3673, 0.5599, 0.2858



0.4458, 0.5046, 0.2553

Previews

White Background



This preview shows how the Yxy color 53.9259, 0.2863, 0.3529 looks on a white background.

Color Contrast Check

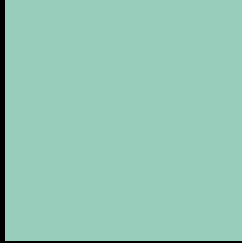
Large Text (above 18pt) WCAG AA × Fail

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 53.9259, 0.2863, 0.3529 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

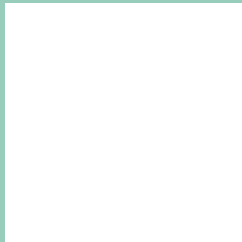
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9259, 0.2863, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 53.9259, 0.2863, 0.3529.



This preview shows how white text looks on a background with the Yxy color 53.9259, 0.2863, 0.3529.

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

53.9259, 0.2863, 0.3529

Protanopia

53.7146, 0.3284, 0.3450

Deuteranopia

53.4484, 0.3314, 0.3243



Tritanopia

54.0521, 0.2713, 0.3086

Trichromacy



Original Color

53.9259, 0.2863, 0.3529

Protanomaly

53.4187, 0.3119, 0.3468

Deuteranomaly

53.3776, 0.3133, 0.3340

Tritanomaly

53.7652, 0.2768, 0.3237

Monochromacy



Original Color

53.9259, 0.2863, 0.3529

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.1701, 0.3020, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9259, 0.2863, 0.3529 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(152, 205, 187)` looks like.

```
.text, #text, p{  
    color:rgb(152, 205, 187)  
}
```

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(152, 205, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 205, 187) }
```

Border

The CSS property to change the border of an element to Yxy 53.9259, 0.2863, 0.3529 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(152, 205, 187) }
```

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

```
.border{ border-color:rgb(152, 205, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 205, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 205, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 205, 187);  
box-shadow:4px 4px 4px 4px rgb(152, 205,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9259, 0.2863, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 205, 187) }
```

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

```
.background{ background-color: rgb(152,  
205, 187) }
```

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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