

Converting Colors

$Y_{xy}(58.3330, 0.2792, 0.3351)$

Have a look what the booklet for
Yxy(58.3330, 0.2792, 0.3351)
contains.

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Color

Yxy(58.3139, 0.2790, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	9ED3CE
RGB	158, 211, 206
RGB Percent	62%, 83%, 81%
CMY	0.3807, 0.1725, 0.1922
CMYK	0.25, 0.00, 0.02, 0.17
HSL	174°, 38%, 72%
HSV	174°, 25%, 83%
XYZ	48.5225, 58.3139, 67.0792
YIQ	194.5830, -29.9830, -12.7910

Conversions

Conversions Part 2

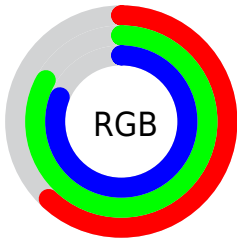
Format	Color
RYB	158, 186, 211
Decimal	10408910
CIELab	80.91, -18.12, -3.09
CIElCh	81, 18.378, 189.672
Yxy	58.3139, 0.2790, 0.3353
Android (android.graphics.Color)	4288598990 (0xFF9ED3CE)
YUV	194.5830, 5.6286, -32.0833
Hunter-Lab	76.3635, -20.2148, 1.3730

Details

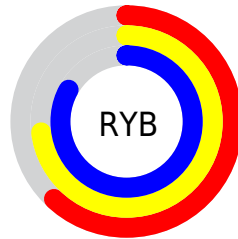
The Yxy color **58.3139, 0.2790, 0.3353** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.9235, 0.3605, 0.3229**, and the grayscale version is **54.2838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **29.0472, 0.2703, 0.3358** is the 20% darker color. If you saturate the color by 10%, you get **56.2615, 0.2674, 0.3382**, and if you desaturate by 10%, it is **60.7397, 0.2918, 0.3326**.

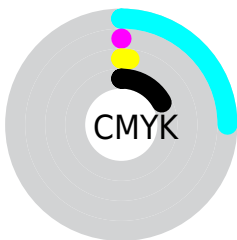
Distribution



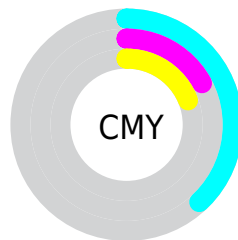
- Red (62%)
- Green (83%)
- Blue (81%)



- Red (62%)
- Yellow (73%)
- Blue (83%)



- Cyan (25%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)





- Cyan (38%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3139, 0.2790, 0.3353 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 58.3139, 0.2790, 0.3353 by changing the saturation by 10% instead.


 58.3139, 0.2790,
0.3353

 58.3139, 0.2790,
0.3353


418.3546, 0.2951,
0.3324

 42.0611, 0.2752,
0.3359


 102.3798, 0.2847,
0.3343

 29.1491, 0.2704,
0.3367


 130.9617, 0.2869,
0.3339

 19.1936, 0.2642,
0.3377


164.4220, 0.2888,
0.3336

 11.8103, 0.2560,
0.3390

203.1453, 0.2904,
0.3333

 6.6146, 0.2443,
0.3407

247.5157, 0.2918,
0.3330

 3.2223, 0.2268,
0.3429

297.9178, 0.2930,

 1.2489, 0.1959,

0.3328

354.7360, 0.2941,
0.3326

0.3465

0.1011, 0.0000,
0.2367

0.0000, 0.0000,
0.0000

58.3139, 0.2790,
0.3353

58.3139, 0.2790,
0.3353

56.2615, 0.2674,
0.3382

60.7397, 0.2918,
0.3326

54.5565, 0.2572,
0.3412

63.5491, 0.3054,
0.3302

53.1809, 0.2486,
0.3443

66.7609, 0.3197,
0.3280

52.1120, 0.2419,
0.3475

70.3904, 0.3342,
0.3259

■ 51.3246, 0.2372,
0.3508

■ 72.8169, 0.3424,
0.3240

■ 50.7891, 0.2343,
0.3541

■ 72.9211, 0.3409,
0.3220

■ 50.4695, 0.2332,
0.3573

■ 73.0266, 0.3394,
0.3200

■ 50.3608, 0.2330,
0.3588

■ 73.1333, 0.3380,
0.3180

■ 73.2414, 0.3365,
0.3160

Harmonies

Analogous

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



58.3139, 0.2985, 0.3563



58.3139, 0.2790, 0.3353



58.3139, 0.2685, 0.3133

Triad

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



58.3139, 0.2790, 0.3353



58.3139, 0.3018, 0.2922



58.3139, 0.3578, 0.3597

Complementary

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



58.3139, 0.2790, 0.3353



40.9235, 0.3605, 0.3229

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.



58.3139, 0.3590, 0.3418



58.3139, 0.2790, 0.3353



58.3139, 0.3260, 0.3038

Square

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



58.3139, 0.2790, 0.3353



58.3139, 0.2813, 0.2895



58.3139, 0.3472, 0.3216



58.3139, 0.3441, 0.3702

Rectangle

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



58.3139, 0.2790, 0.3353



58.3139, 0.2678, 0.3014



58.3139, 0.3472, 0.3216



58.3139, 0.3597, 0.3543

Sweetspot

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



58.3163, 0.2790, 0.3353



96.2101, 0.3014, 0.3309



56.8767, 0.3132, 0.3993



20.4500, 0.2993, 0.3312



0.0000, 0.0000, 0.0000



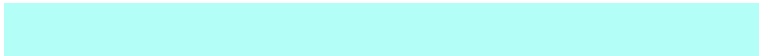
21.4041, 0.3127, 0.3290

Same Dimension

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



58.3163, 0.2790, 0.3353



87.8055, 0.2728, 0.3368



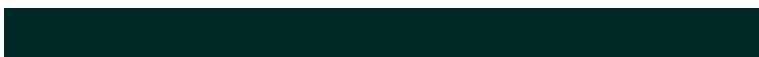
48.6989, 0.2736, 0.3013



13.3869, 0.2996, 0.3312



30.3940, 0.2329, 0.3583



1.7052, 0.2312, 0.3524

Inverse Universe

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



40.9235, 0.3605, 0.3229



56.8351, 0.3740, 0.3216



48.6242, 0.3592, 0.3551



11.8262, 0.3276, 0.3268



8.3951, 0.6283, 0.3235



0.4758, 0.5956, 0.3055

Previews

White Background



This preview shows how the Yxy color 58.3139, 0.2790, 0.3353 looks on a white background.

Color Contrast Check

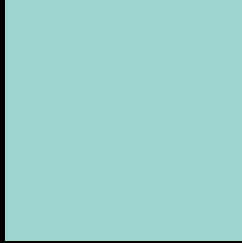
Large Text (above 18pt) WCAG AA × Fail

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 58.3139, 0.2790, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

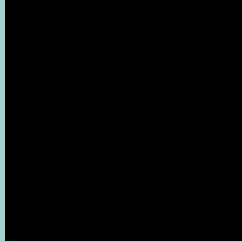
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

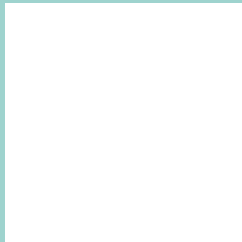
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.3139, 0.2790, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 58.3139, 0.2790, 0.3353.

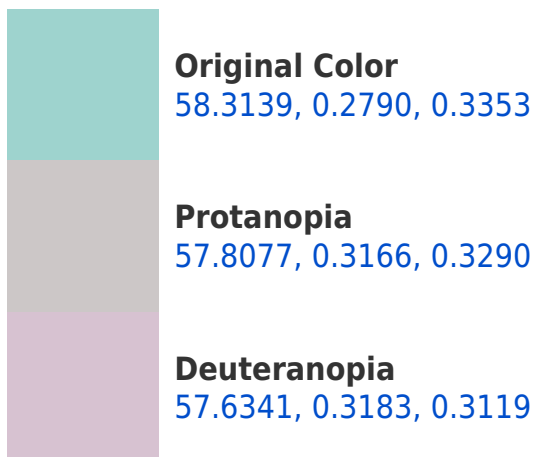


This preview shows how white text looks on a background with the Yxy color 58.3139, 0.2790, 0.3353.

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

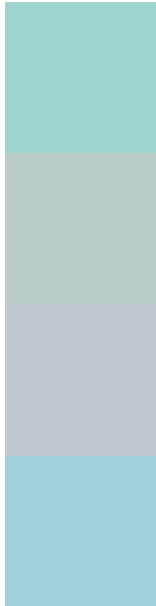




Tritanopia

58.2294, 0.2700, 0.3080

Trichromacy



Original Color

58.3139, 0.2790, 0.3353

Protanomaly

57.5409, 0.3013, 0.3302

Deuteranomaly

57.3320, 0.3024, 0.3194

Tritanomaly

58.2400, 0.2736, 0.3177

Monochromacy



Original Color

58.3139, 0.2790, 0.3353

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.8419, 0.2997, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3139, 0.2790, 0.3353 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(158, 211, 206)` looks like.

```
.text, #text, p{  
    color:rgb(158, 211, 206)  
}
```

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(158, 211, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 211, 206) }
```

Border

The CSS property to change the border of an element to Yxy 58.3139, 0.2790, 0.3353 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(158, 211, 206) }
```

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

```
.border{ border-color:rgb(158, 211, 206) }
```

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

Here you see how a box with a 4 pixel rgb(158, 211, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 211, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 211, 206);  
box-shadow:4px 4px 4px 4px rgb(158, 211,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3139, 0.2790, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 211, 206) }
```

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

```
.background{ background-color: rgb(158,  
211, 206) }
```

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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