

Converting Colors

$Yxy(58.7856, 0.2742, 0.3232)$

Have a look what the booklet for
Yxy(58.7856, 0.2742, 0.3232)
contains.

Yxy(58.8658, 0.2743, 0.3239)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.8658, 0.2743, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	9FD3D7
RGB	159, 211, 215
RGB Percent	62%, 83%, 84%
CMY	0.3766, 0.1725, 0.1569
CMYK	0.26, 0.02, 0.00, 0.16
HSL	184°, 41%, 73%
HSV	184°, 26%, 84%
XYZ	49.8515, 58.8658, 73.0234
YIQ	195.9080, -32.2760, -9.7800

Conversions

Conversions Part 2

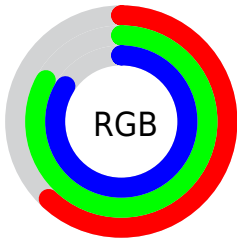
Format	Color
R _Y B	159, 186, 215
Decimal	10474455
CIE Lab	81.22, -15.81, -7.45
CIE LCh	81, 17.481, 205.216
Yxy	58.8658, 0.2743, 0.3239
Android (android.graphics.Color)	4288664535 (0xFF9FD3D7)
YUV	195.9080, 9.4124, -32.3683
Hunter-Lab	76.7241, -18.2867, -2.7234

Details

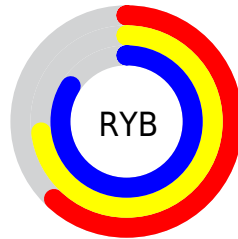
The Yxy color **58.8658, 0.2743, 0.3239** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.1236, 0.3669, 0.3340**, and the grayscale version is **55.0974, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **29.3792, 0.2651, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **56.1024, 0.2613, 0.3217**, and if you desaturate by 10%, it is **62.0235, 0.2884, 0.3260**.

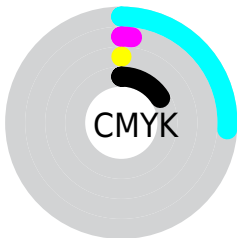
Distribution



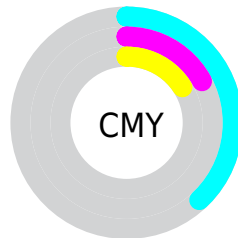
- Red (62%)
- Green (83%)
- Blue (84%)



- Red (62%)
- Yellow (73%)
- Blue (84%)



- Cyan (26%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)




- Cyan (38%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8658, 0.2743, 0.3239 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 58.8658, 0.2743, 0.3239 by changing the saturation by 10% instead.


 58.8658, 0.2743,
0.3239

 58.8658, 0.2743,
0.3239


420.4044, 0.2925,
0.3266

 42.5051, 0.2700,
0.3232


 103.1826, 0.2807,
0.3249

 29.4970, 0.2647,
0.3222


 131.9075, 0.2832,
0.3253

 19.4571, 0.2578,
0.3210


165.5225, 0.2853,
0.3256

 12.0010, 0.2486,
0.3191

204.4122, 0.2871,
0.3259

 6.7444, 0.2359,
0.3163

248.9608, 0.2888,
0.3261

 3.3028, 0.2169,
0.3115

299.5528, 0.2902,

 1.2918, 0.1858,

0.3263

356.5725, 0.2914,
0.3265

0.3022

0.1348, 0.0000,
0.1680

0.0000, 0.0000,
0.0000

58.8658, 0.2743,
0.3239

58.8658, 0.2743,
0.3239

56.1024, 0.2613,
0.3217

62.0235, 0.2884,
0.3260

53.7062, 0.2498,
0.3194

65.5866, 0.3034,
0.3279

51.6581, 0.2400,
0.3170

69.5748, 0.3189,
0.3297

49.9342, 0.2319,
0.3146

74.0043, 0.3346,
0.3313

■ 48.5075, 0.2258,
0.3121

■ 76.6519, 0.3419,
0.3328

■ 47.3467, 0.2216,
0.3097

■ 77.4519, 0.3416,
0.3343

■ 46.4125, 0.2192,
0.3073

■ 78.2592, 0.3414,
0.3359

■ 46.0792, 0.2185,
0.3064

■ 79.0739, 0.3412,
0.3374

■ 79.8960, 0.3409,
0.3389

Harmonies

Analogous

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



58.8658, 0.2888, 0.3451



58.8658, 0.2743, 0.3239



58.8658, 0.2698, 0.3051

Triad

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



58.8658, 0.2743, 0.3239



58.8658, 0.3142, 0.2988



58.8658, 0.3500, 0.3645

Complementary

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



58.8658, 0.2743, 0.3239



43.1236, 0.3669, 0.3340

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.



58.8658, 0.3576, 0.3506



58.8658, 0.2743, 0.3239



58.8658, 0.3365, 0.3133

Square

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



58.8658, 0.2743, 0.3239



58.8658, 0.2922, 0.2916



58.8658, 0.3526, 0.3320



58.8658, 0.3324, 0.3691

Rectangle

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



58.8658, 0.2743, 0.3239



58.8658, 0.2729, 0.2965



58.8658, 0.3526, 0.3320



58.8658, 0.3539, 0.3607

Sweetspot

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



58.8682, 0.2743, 0.3239



95.4118, 0.3003, 0.3275



58.6007, 0.3069, 0.3981



20.2471, 0.2980, 0.3272



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.



58.8682, 0.2743, 0.3239



84.4291, 0.2674, 0.3228



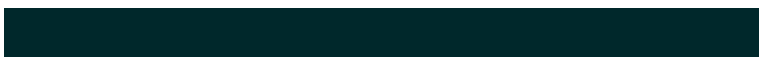
46.2404, 0.2709, 0.2877



13.9496, 0.2983, 0.3273



27.6270, 0.2186, 0.3068



1.7126, 0.2197, 0.3109

Inverse Universe

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



43.9330, 0.3192, 0.2687



59.1542, 0.3206, 0.2566



54.0863, 0.3586, 0.3670



12.6167, 0.3149, 0.3076



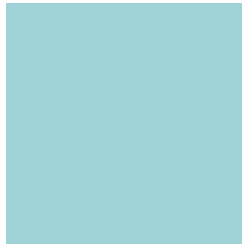
11.1338, 0.3395, 0.1644



0.6762, 0.3360, 0.1624

Previews

White Background



This preview shows how the Yxy color 58.8658, 0.2743, 0.3239 looks on a white background.

Color Contrast Check

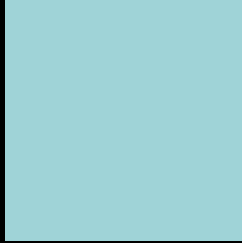
Large Text (above 18pt) WCAG AA × Fail

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 58.8658, 0.2743, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

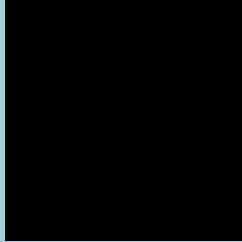
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

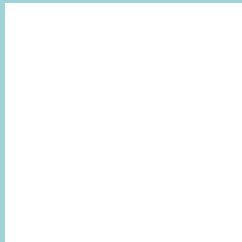
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8658, 0.2743, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 58.8658, 0.2743, 0.3239.

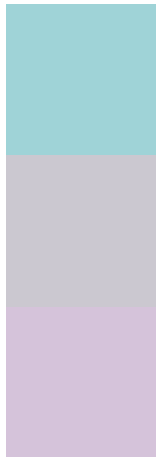


This preview shows how white text looks on a background with the Yxy color 58.8658, 0.2743, 0.3239.

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

58.8658, 0.2743, 0.3239

Protanopia

58.5591, 0.3093, 0.3196

Deuteranopia

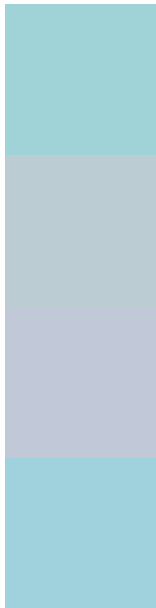
58.2383, 0.3100, 0.3029



Tritanopia

58.6690, 0.2689, 0.3080

Trichromacy



Original Color

58.8658, 0.2743, 0.3239

Protanomaly

58.4537, 0.2952, 0.3205

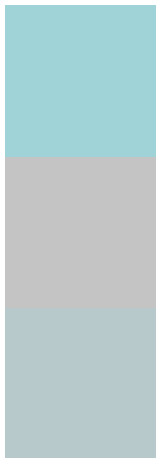
Deuteranomaly

58.1205, 0.2955, 0.3100

Tritanomaly

58.8407, 0.2708, 0.3141

Monochromacy



Original Color

58.8658, 0.2743, 0.3239

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.1524, 0.2977, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8658, 0.2743, 0.3239 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, 211, 215)` looks like.

```
.text, #text, p{  
    color:rgb(159, 211, 215)  
}
```

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, 211, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 211, 215) }
```

Border

The CSS property to change the border of an element to Yxy 58.8658, 0.2743, 0.3239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

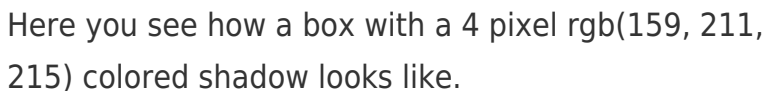
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 211, 215) }
```

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

```
.border{ border-color:rgb(159, 211, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 211, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 211, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 211, 215); box-shadow:4px 4px 4px 4px rgb(159, 211, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8658, 0.2743, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 211, 215) }
```

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

```
.background{ background-color: rgb(159,  
211, 215) }
```

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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