

Converting Colors

$Yxy(59.4338, 0.2789, 0.3289)$

Have a look what the booklet for
Yxy(59.4338, 0.2789, 0.3289)
contains.

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Color

Yxy(59.6270, 0.2787, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	A3D4D4
RGB	163, 212, 212
RGB Percent	64%, 83%, 83%
CMY	0.3609, 0.1686, 0.1686
CMYK	0.23, 0.00, 0.00, 0.17
HSL	180°, 36%, 74%
HSV	180°, 23%, 83%
XYZ	50.5261, 59.6270, 71.1391
YIQ	197.3490, -29.2040, -10.3880

Conversions

Conversions Part 2

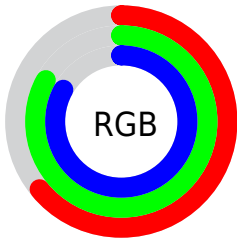
Format	Color
RYB	163, 188, 212
Decimal	10736852
CIELab	81.64, -15.80, -5.21
CIELCh	82, 16.639, 198.244
Yxy	59.6270, 0.2787, 0.3289
Android (android.graphics.Color)	4288926932 (0xFFA3D4D4)
YUV	197.3490, 7.2229, -30.1241
Hunter-Lab	77.2185, -18.3351, -0.5691

Details

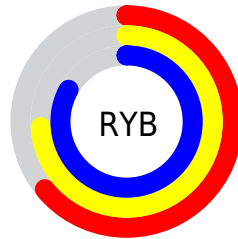
The Yxy color **59.6270, 0.2787, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.8228, 0.3601, 0.3291**, and the grayscale version is **56.0227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **29.8633, 0.2706, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **57.5765, 0.2659, 0.3289**, and if you desaturate by 10%, it is **62.0575, 0.2928, 0.3289**.

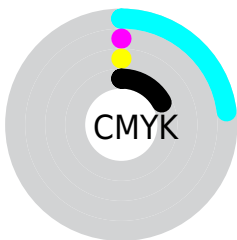
Distribution



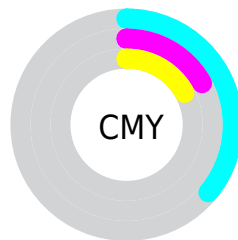
- Red (64%)
- Green (83%)
- Blue (83%)



- Red (64%)
- Yellow (74%)
- Blue (83%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)




- Cyan (36%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6270, 0.2787, 0.3289 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 59.6270, 0.2787, 0.3289 by changing the saturation by 10% instead.

 59.6270, 0.2787,
0.3289


 59.6270, 0.2787,
0.3289


423.2215, 0.2949,
0.3292

 43.1181, 0.2749,
0.3288


 104.2884, 0.2844,
0.3290

 29.9778, 0.2702,
0.3286


 133.2096, 0.2866,
0.3291

 19.8217, 0.2640,
0.3284


167.0371, 0.2885,
0.3291

 12.2655, 0.2559,
0.3279

206.1552, 0.2901,
0.3291

 6.9248, 0.2445,
0.3271

250.9483, 0.2915,
0.3291

 3.4151, 0.2275,
0.3256

301.8008, 0.2928,

 1.3521, 0.1996,

0.3291

0.3219

359.0971, 0.2939,
0.3291

0.1810, 0.0000,
0.2439

0.0000, 0.0000,
0.0000

59.6270, 0.2787,
0.3289

59.6270, 0.2787,
0.3289

57.5765, 0.2659,
0.3289

62.0575, 0.2928,
0.3289

55.8800, 0.2545,
0.3288


64.8780, 0.3078,
0.3290


54.5197, 0.2450,
0.3288


68.1074, 0.3236,
0.3290

53.4731, 0.2372,
0.3288


71.7609, 0.3396,
0.3291


 52.7152, 0.2315,
0.3288


 73.1071, 0.3451,
0.3291


 52.2173, 0.2276,
0.3288


 73.1072, 0.3451,
0.3291

 51.9444, 0.2254,
0.3288

 73.1072, 0.3451,
0.3291

 51.8466, 0.2247,
0.3288

 73.1073, 0.3451,
0.3291

 73.1073, 0.3451,
0.3291

Harmonies

Analogous

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



59.6270, 0.2943, 0.3486



59.6270, 0.2787, 0.3289



59.6270, 0.2720, 0.3101

Triad

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



59.6270, 0.2787, 0.3289



59.6270, 0.3091, 0.2980



59.6270, 0.3507, 0.3602

Complementary

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



59.6270, 0.2787, 0.3289



42.8228, 0.3601, 0.3291

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.



59.6270, 0.3552, 0.3457



59.6270, 0.2787, 0.3289



59.6270, 0.3307, 0.3105

Square

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



59.6270, 0.2787, 0.3289



59.6270, 0.2891, 0.2931



59.6270, 0.3478, 0.3276



59.6270, 0.3359, 0.3669

Rectangle

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



59.6270, 0.2787, 0.3289



59.6270, 0.2734, 0.3006



59.6270, 0.3478, 0.3276



59.6270, 0.3535, 0.3561

Sweetspot

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



59.6294, 0.2787, 0.3289



96.7703, 0.3018, 0.3290



57.6050, 0.3103, 0.3935



20.6563, 0.3009, 0.3290



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.



59.6294, 0.2787, 0.3289



88.8808, 0.2719, 0.3289



48.6333, 0.2763, 0.2984



14.1079, 0.2983, 0.3290



32.0035, 0.2247, 0.3288



1.9303, 0.2247, 0.3288

Inverse Universe

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



42.8228, 0.3601, 0.3291



58.8191, 0.3744, 0.3292



52.0424, 0.3538, 0.3578



12.4208, 0.3291, 0.3290



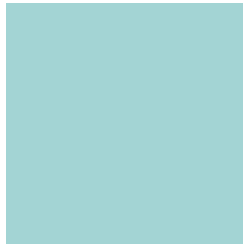
8.6411, 0.6401, 0.3300



0.5212, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 59.6270, 0.2787, 0.3289 looks on a white background.

Color Contrast Check

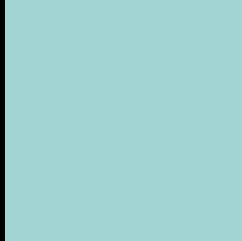
Large Text (above 18pt) WCAG AA × Fail

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 59.6270, 0.2787, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

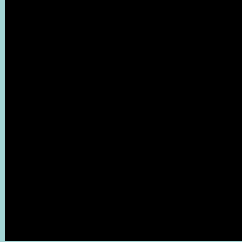
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

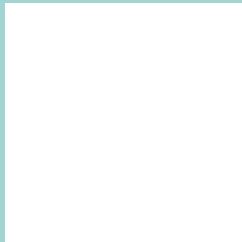
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6270, 0.2787, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 59.6270, 0.2787, 0.3289.



This preview shows how white text looks on a background with the Yxy color 59.6270, 0.2787, 0.3289.

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

59.6270, 0.2787, 0.3289

Protanopia

59.2087, 0.3122, 0.3232

Deuteranopia

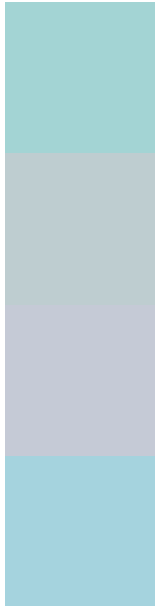
58.9851, 0.3145, 0.3075



Tritanopia

59.7462, 0.2716, 0.3083

Trichromacy



Original Color

59.6270, 0.2787, 0.3289

Protanomaly

59.1639, 0.2994, 0.3254

Deuteranomaly

58.9664, 0.3005, 0.3149

Tritanomaly

59.8618, 0.2740, 0.3154

Monochromacy



Original Color

59.6270, 0.2787, 0.3289

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.8196, 0.2998, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6270, 0.2787, 0.3289 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(163, 212, 212)` looks like.

```
.text, #text, p{  
    color:rgb(163, 212, 212)  
}
```

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(163, 212, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 212, 212) }
```

Border

The CSS property to change the border of an element to Yxy 59.6270, 0.2787, 0.3289 is called "border". The border property can be set on classes, ids or directly on the HTML element.

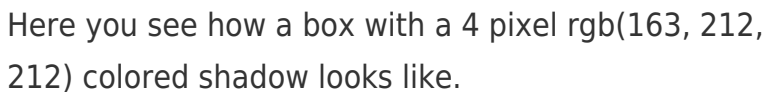
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 212, 212) }
```

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

```
.border{ border-color:rgb(163, 212, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 212, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 212, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 212, 212);  
box-shadow:4px 4px 4px 4px rgb(163, 212,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6270, 0.2787, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 212, 212) }
```

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

```
.background{ background-color: rgb(163,  
212, 212) }
```

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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