

Converting Colors

$Yxy(59.3439, 0.2862, 0.3283)$

Have a look what the booklet for
Yxy(59.3439, 0.2862, 0.3283)
contains.

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Color

Yxy(59.1383, 0.2863, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	ADD1D2
RGB	173, 209, 210
RGB Percent	68%, 82%, 82%
CMY	0.3215, 0.1804, 0.1765
CMYK	0.18, 0.00, 0.00, 0.18
HSL	182°, 29%, 75%
HSV	182°, 18%, 82%
XYZ	51.6671, 59.1383, 69.6594
YIQ	198.3500, -21.7770, -7.3210

Conversions

Conversions Part 2

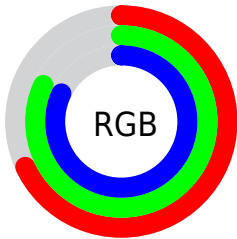
Format	Color
R _Y B	173, 191, 210
Decimal	11391442
CIE Lab	81.37, -11.62, -4.46
CIE LCh	81, 12.449, 200.985
Yxy	59.1383, 0.2863, 0.3277
Android (android.graphics.Color)	4289581522 (0xFFADD1D2)
YUV	198.3500, 5.7435, -22.2319
Hunter-Lab	76.9014, -14.6503, 0.1245

Details

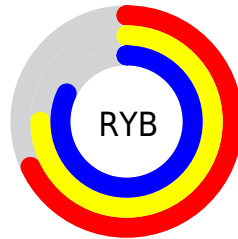
The Yxy color **59.1383, 0.2863, 0.3277** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.9894, 0.3462, 0.3303**, and the grayscale version is **56.6720, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **29.8361, 0.2793, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **56.6565, 0.2726, 0.3269**, and if you desaturate by 10%, it is **62.0022, 0.3010, 0.3285**.

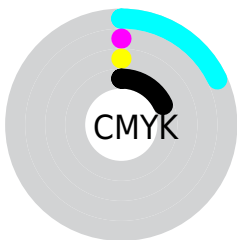
Distribution



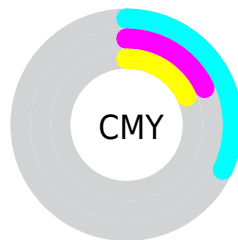
- Red (68%)
- Green (82%)
- Blue (82%)



- Red (68%)
- Yellow (75%)
- Blue (82%)



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



- Cyan (32%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1383, 0.2863, 0.3277 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 59.1383, 0.2863, 0.3277 by changing the saturation by 10% instead.

■ 59.1383, 0.2863,
0.3277

■ 59.1383, 0.2863,
0.3277

421.4142, 0.2989,
0.3285

■ 42.7245, 0.2833,
0.3275

■ 103.5786, 0.2907,
0.3280

■ 29.6690, 0.2796,
0.3272

132.3739, 0.2925,
0.3281

■ 19.5875, 0.2748,
0.3268

166.0652, 0.2939,
0.3282

■ 12.0955, 0.2684,
0.3262

205.0367, 0.2952,
0.3283

■ 6.8088, 0.2593,
0.3253

249.6730, 0.2963,
0.3283

■ 3.3428, 0.2457,
0.3236

300.3584, 0.2973,

■ 1.3132, 0.2229,

0.3284

357.4774, 0.2981,
0.3284

0.3201

0.1514, 0.0000,
0.2411

0.0000, 0.0000,
0.0000

59.1383, 0.2863,
0.3277

59.1383, 0.2863,
0.3277

56.6565, 0.2726,
0.3269

62.0022, 0.3010,
0.3285

54.5319, 0.2602,
0.3260

65.2573, 0.3164,
0.3292

52.7482, 0.2494,
0.3252

68.9213, 0.3323,
0.3298

51.2845, 0.2403,
0.3243

72.6267, 0.3468,
0.3304

■ 50.1180, 0.2331,
0.3234

■ 72.9069, 0.3467,
0.3310

■ 49.2228, 0.2279,
0.3225

■ 73.1881, 0.3466,
0.3315

■ 48.5685, 0.2245,
0.3216

■ 73.4702, 0.3465,
0.3321

■ 48.1125, 0.2227,
0.3207

■ 73.7534, 0.3464,
0.3327

■ 48.0162, 0.2224,
0.3205

■ 74.0375, 0.3463,
0.3332

Harmonies

Analogous

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



59.1383, 0.2977, 0.3424



59.1383, 0.2863, 0.3277



59.1383, 0.2819, 0.3138

Triad

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



59.1383, 0.2863, 0.3277



59.1383, 0.3116, 0.3062



59.1383, 0.3405, 0.3533

Complementary

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



59.1383, 0.2863, 0.3277



46.9894, 0.3462, 0.3303

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.



59.1383, 0.3446, 0.3429



59.1383, 0.2863, 0.3277



59.1383, 0.3276, 0.3161

Square

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



59.1383, 0.2863, 0.3277



59.1383, 0.2962, 0.3019



59.1383, 0.3398, 0.3294



59.1383, 0.3289, 0.3573

Rectangle

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



59.1383, 0.2863, 0.3277



59.1383, 0.2834, 0.3070



59.1383, 0.3398, 0.3294



59.1383, 0.3428, 0.3504

Sweetspot

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



59.1407, 0.2863, 0.3277



97.4440, 0.3049, 0.3286



58.0166, 0.3101, 0.3757



20.7829, 0.3038, 0.3286



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.



59.1407, 0.2863, 0.3277



90.3089, 0.2812, 0.3274



50.7491, 0.2851, 0.3048



13.3505, 0.2983, 0.3283



29.3161, 0.2224, 0.3206



1.6567, 0.2228, 0.3222

Inverse Universe

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



48.1945, 0.3156, 0.2868



70.3714, 0.3162, 0.2779



54.4689, 0.3425, 0.3520



12.0034, 0.3142, 0.3067



11.0307, 0.3277, 0.1579



0.6185, 0.3263, 0.1571

Previews

White Background



This preview shows how the Yxy color 59.1383, 0.2863, 0.3277 looks on a white background.

Color Contrast Check

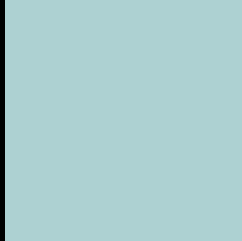
Large Text (above 18pt) WCAG AA × Fail

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 59.1383, 0.2863, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

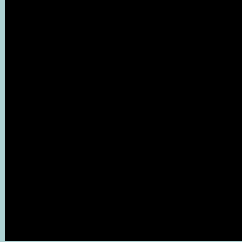
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

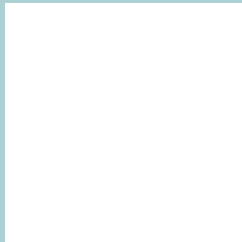
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1383, 0.2863, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 59.1383, 0.2863, 0.3277.



This preview shows how white text looks on a background with the Yxy color 59.1383, 0.2863, 0.3277.

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

59.1383, 0.2863, 0.3277

Protanopia

59.0184, 0.3122, 0.3243

Deuteranopia

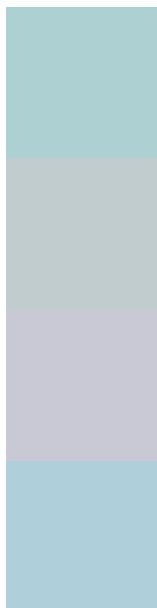
58.8829, 0.3160, 0.3097



Tritanopia

59.1835, 0.2801, 0.3096

Trichromacy



Original Color

59.1383, 0.2863, 0.3277

Protanomaly

59.0282, 0.3023, 0.3254

Deuteranomaly

58.8061, 0.3042, 0.3161

Tritanomaly

59.2877, 0.2826, 0.3168

Monochromacy



Original Color

59.1383, 0.2863, 0.3277

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.3241, 0.3028, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1383, 0.2863, 0.3277 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(173, 209, 210)` looks like.

```
.text, #text, p{  
    color:rgb(173, 209, 210)  
}
```

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(173, 209, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 209, 210) }
```

Border

The CSS property to change the border of an element to Yxy 59.1383, 0.2863, 0.3277 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(173, 209, 210) }
```

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

```
.border{ border-color:rgb(173, 209, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 209, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 209, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 209, 210);  
box-shadow:4px 4px 4px 4px rgb(173, 209,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1383, 0.2863, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 209, 210) }
```

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

```
.background{ background-color: rgb(173,  
209, 210) }
```

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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