

Converting Colors

$Yxy(59.7175, 0.2813, 0.3264)$

Have a look what the booklet for
Yxy(59.7175, 0.2813, 0.3264)
contains.

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Color

Yxy(59.7175, 0.2813, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	A8D3D5
RGB	168, 211, 213
RGB Percent	66%, 83%, 84%
CMY	0.3409, 0.1726, 0.1646
CMYK	0.21, 0.01, 0.00, 0.16
HSL	183°, 35%, 75%
HSV	183°, 21%, 84%
XYZ	51.4661, 59.7175, 71.7744
YIQ	198.3710, -26.2700, -8.4940

Conversions

Conversions Part 2

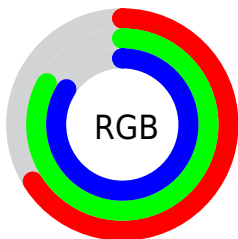
Format	Color
RYB	168, 190, 213
Decimal	11064277
CIELab	81.68, -13.52, -5.64
CIElCh	82, 14.648, 202.642
Yxy	59.7175, 0.2813, 0.3264
Android (android.graphics.Color)	4289254357 (0xFFA8D3D5)
YUV	198.3710, 7.2121, -26.6354
Hunter-Lab	77.2771, -16.3550, -0.9742

Details

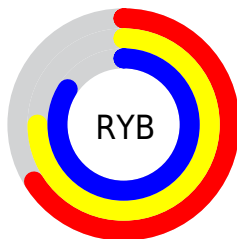
The Yxy color **59.7175, 0.2813, 0.3264** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.7675, 0.3544, 0.3316**, and the grayscale version is **56.6866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **29.8904, 0.2737, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **57.0925, 0.2679, 0.3250**, and if you desaturate by 10%, it is **62.7333, 0.2958, 0.3277**.

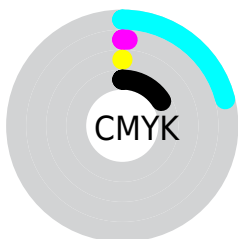
Distribution



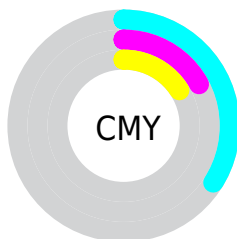
- Red (66%)
- Green (83%)
- Blue (84%)



- Red (66%)
- Yellow (75%)
- Blue (84%)



- Cyan (21%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)





- Cyan (34%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7175, 0.2813, 0.3264 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 59.7175, 0.2813, 0.3264 by changing the saturation by 10% instead.


 59.7175, 0.2813,
0.3264

 59.7175, 0.2813,
0.3264


423.5557, 0.2962,
0.3278

 43.1910, 0.2778,
0.3260


 104.4198, 0.2866,
0.3269

 30.0350, 0.2734,
0.3255


 133.3643, 0.2886,
0.3271

 19.8651, 0.2678,
0.3248


167.2169, 0.2903,
0.3273

 12.2971, 0.2602,
0.3238

206.3621, 0.2918,
0.3274

 6.9463, 0.2497,
0.3222

251.1841, 0.2931,
0.3276

 3.4286, 0.2340,
0.3195

302.0675, 0.2943,

 1.3593, 0.2081,

0.3277

0.3140

359.3965, 0.2953,
0.3278

0.1865, 0.0000,
0.2379

0.0000, 0.0000,
0.0000

59.7175, 0.2813,
0.3264

59.7175, 0.2813,
0.3264

57.0925, 0.2679,
0.3250

62.7333, 0.2958,
0.3277

54.8323, 0.2559,
0.3236

66.1499, 0.3110,
0.3289

52.9192, 0.2454,
0.3221

69.9860, 0.3267,
0.3300

51.3310, 0.2368,
0.3206

74.2570, 0.3426,
0.3309

■ 50.0431, 0.2301,
0.3191

■ 75.0722, 0.3438,
0.3319

■ 49.0271, 0.2253,
0.3175

■ 75.5659, 0.3436,
0.3329

■ 48.2493, 0.2223,
0.3160

■ 76.0625, 0.3435,
0.3339

■ 47.7045, 0.2208,
0.3147

■ 76.5620, 0.3433,
0.3348

■ 77.0644, 0.3431,
0.3358

Harmonies

Analogous

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



59.7175, 0.2941, 0.3438



59.7175, 0.2813, 0.3264



59.7175, 0.2767, 0.3104

Triad

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



59.7175, 0.2813, 0.3264



59.7175, 0.3124, 0.3028



59.7175, 0.3448, 0.3579

Complementary

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



59.7175, 0.2813, 0.3264



45.7675, 0.3544, 0.3316

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.



59.7175, 0.3501, 0.3460



59.7175, 0.2813, 0.3264



59.7175, 0.3311, 0.3147

Square

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



59.7175, 0.2813, 0.3264



59.7175, 0.2942, 0.2975



59.7175, 0.3451, 0.3302



59.7175, 0.3307, 0.3623

Rectangle

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



59.7175, 0.2813, 0.3264



59.7175, 0.2788, 0.3026



59.7175, 0.3451, 0.3302



59.7175, 0.3477, 0.3546

Sweetspot

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



59.7199, 0.2813, 0.3264



96.7728, 0.3034, 0.3283



58.8158, 0.3090, 0.3852



20.6411, 0.3024, 0.3282



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.



59.7199, 0.2813, 0.3264



88.0259, 0.2756, 0.3258



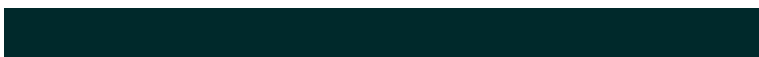
49.5539, 0.2794, 0.2985



14.0072, 0.2983, 0.3279



29.1770, 0.2208, 0.3149



1.7902, 0.2215, 0.3175

Inverse Universe

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



46.8843, 0.3168, 0.2791



65.6667, 0.3177, 0.2692



54.6971, 0.3491, 0.3577



12.6226, 0.3145, 0.3070



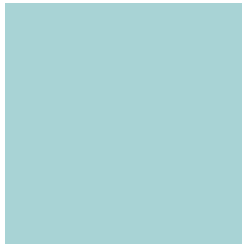
11.2903, 0.3325, 0.1605



0.6840, 0.3303, 0.1593

Previews

White Background



This preview shows how the Yxy color 59.7175, 0.2813, 0.3264 looks on a white background.

Color Contrast Check

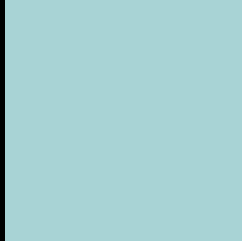
Large Text (above 18pt) WCAG AA × Fail

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 59.7175, 0.2813, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

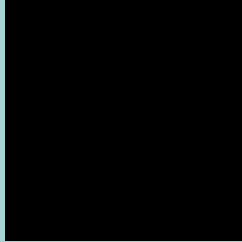
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

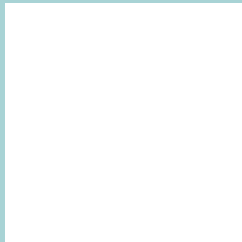
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.7175, 0.2813, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 59.7175, 0.2813, 0.3264.

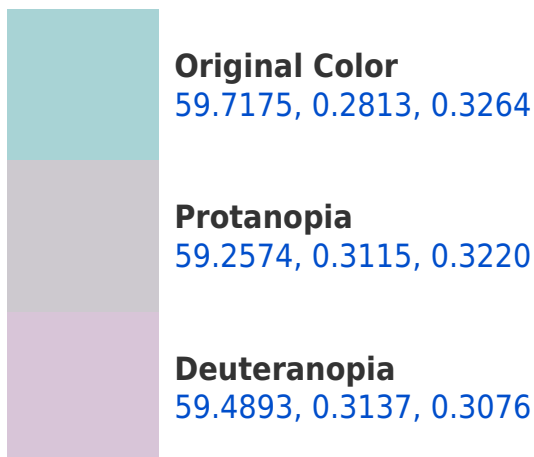


This preview shows how white text looks on a background with the Yxy color 59.7175, 0.2813, 0.3264.

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

59.7498, 0.2752, 0.3084

Trichromacy



Original Color

59.7175, 0.2813, 0.3264

Protanomaly

59.4726, 0.3002, 0.3242

Deuteranomaly

59.2895, 0.3013, 0.3138

Tritanomaly

59.8597, 0.2776, 0.3155

Monochromacy



Original Color

59.7175, 0.2813, 0.3264

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.5885, 0.3006, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7175, 0.2813, 0.3264 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(168, 211, 213)` looks like.

```
.text, #text, p{  
    color:rgb(168, 211, 213)  
}
```

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(168, 211, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 211, 213) }
```

Border

The CSS property to change the border of an element to Yxy 59.7175, 0.2813, 0.3264 is called "border". The border property can be set on classes, ids or directly on the HTML element.

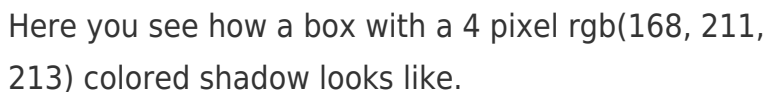
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 211, 213) }
```

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

```
.border{ border-color:rgb(168, 211, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 211, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 211, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 211, 213); box-shadow:4px 4px 4px 4px rgb(168, 211, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7175, 0.2813, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 211, 213) }
```

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

```
.background{ background-color: rgb(168,  
211, 213) }
```

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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