

Converting Colors

$Yxy(59.3639, 0.2801, 0.3192)$

Have a look what the booklet for
Yxy(59.3639, 0.2801, 0.3192)
contains.

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Color

Yxy(59.1567, 0.2800, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	AAD1D9
RGB	170, 209, 217
RGB Percent	67%, 82%, 85%
CMY	0.3332, 0.1804, 0.1491
CMYK	0.22, 0.04, 0.00, 0.15
HSL	190°, 38%, 76%
HSV	190°, 22%, 85%
XYZ	51.9081, 59.1567, 74.3213
YIQ	198.2510, -25.8120, -5.7800

Conversions

Conversions Part 2

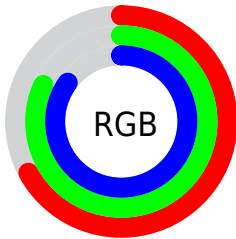
Format	Color
RYB	170, 191, 217
Decimal	11194841
CIELab	81.38, -11.03, -8.20
CIELCh	81, 13.749, 216.629
Yxy	59.1567, 0.2800, 0.3191
Android (android.graphics.Color)	4289384921 (0xFFAAD1D9)
YUV	198.2510, 9.2433, -24.7761
Hunter-Lab	76.9134, -14.1305, -3.4525

Details

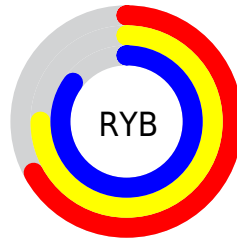
The Yxy color **59.1567, 0.2800, 0.3191** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.5111, 0.3543, 0.3387**, and the grayscale version is **56.5926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **29.8332, 0.2721, 0.3174** is the 20% darker color. If you saturate the color by 10%, you get **55.1438, 0.2659, 0.3139**, and if you desaturate by 10%, it is **63.6157, 0.2949, 0.3239**.

Distribution



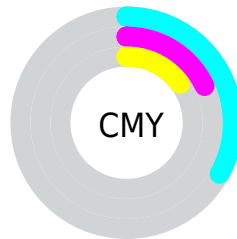
- Red (67%)
- Green (82%)
- Blue (85%)



- Red (67%)
- Yellow (75%)
- Blue (85%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (33%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1567, 0.2800, 0.3191 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 59.1567, 0.2800, 0.3191 by changing the saturation by 10% instead.

■ 59.1567, 0.2800,
0.3191

■ 59.1567, 0.2800,
0.3191

421.4824, 0.2955,
0.3241

■ 42.7393, 0.2763,
0.3179

■ 103.6054, 0.2855,
0.3209

■ 29.6806, 0.2718,
0.3163

132.4054, 0.2876,
0.3216

■ 19.5963, 0.2659,
0.3142

166.1018, 0.2894,
0.3221

■ 12.1019, 0.2581,
0.3114

205.0789, 0.2909,
0.3226

■ 6.8131, 0.2471,
0.3072

249.7211, 0.2923,
0.3231

■ 3.3455, 0.2308,
0.3005

300.4128, 0.2935,

■ 1.3147, 0.2041,

0.3234

0.2883

357.5384, 0.2946,
0.3238

■ 0.1525, 0.0000,
0.1710

■ 0.0000, 0.0000,
0.0000

■ 59.1567, 0.2800,
0.3191

■ 59.1567, 0.2800,
0.3191

■ 55.1438, 0.2659,
0.3139

■ 63.6157, 0.2949,
0.3239

■ 51.5498, 0.2528,
0.3084

■ 68.5320, 0.3102,
0.3283

■ 48.3558, 0.2410,
0.3026

■ 73.9254, 0.3257,
0.3323

■ 45.5381, 0.2309,
0.2966

■ 79.4615, 0.3397,
0.3359

■ 43.0704, 0.2226,
0.2904

■ 81.4671, 0.3391,
0.3396

■ 40.9225, 0.2162,
0.2843

■ 83.5161, 0.3386,
0.3432

■ 39.0584, 0.2118,
0.2782

■ 85.6088, 0.3380,
0.3469

■ 37.6659, 0.2092,
0.2731

■ 87.7455, 0.3375,
0.3505

■ 89.9263, 0.3370,
0.3540

Harmonies

Analogous

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



59.1567, 0.2888, 0.3355



59.1567, 0.2800, 0.3191



59.1567, 0.2797, 0.3061

Triad

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



59.1567, 0.2800, 0.3191



59.1567, 0.3209, 0.3089



59.1567, 0.3376, 0.3592

Complementary

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



59.1567, 0.2800, 0.3191



49.5111, 0.3543, 0.3387

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.



59.1567, 0.3468, 0.3510



59.1567, 0.2800, 0.3191



59.1567, 0.3370, 0.3221

Square

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



59.1567, 0.2800, 0.3191



59.1567, 0.3029, 0.3007



59.1567, 0.3466, 0.3373



59.1567, 0.3218, 0.3592

Rectangle

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



59.1567, 0.2800, 0.3191



59.1567, 0.2844, 0.3009



59.1567, 0.3466, 0.3373



59.1567, 0.3415, 0.3573

Sweetspot

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



59.1591, 0.2800, 0.3191



95.5615, 0.3034, 0.3264



61.3813, 0.3049, 0.3787



20.3539, 0.3024, 0.3261



0.0000, 0.0000, 0.0000



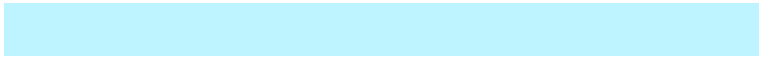
21.4041, 0.3127, 0.3290

Same Dimension

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



59.1591, 0.2800, 0.3191



82.5264, 0.2734, 0.3168



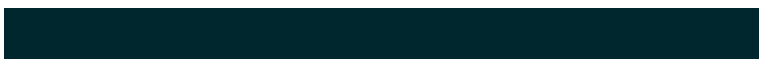
48.5491, 0.2779, 0.2895



14.4324, 0.2982, 0.3249



22.9391, 0.2095, 0.2740



1.5880, 0.2122, 0.2839

Inverse Universe

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



48.1198, 0.3218, 0.2841



64.0402, 0.3241, 0.2743



59.5875, 0.3487, 0.3656



13.2348, 0.3164, 0.3098



10.9395, 0.3690, 0.1807



0.7190, 0.3599, 0.1756

Previews

White Background



This preview shows how the Yxy color 59.1567, 0.2800, 0.3191 looks on a white background.

Color Contrast Check

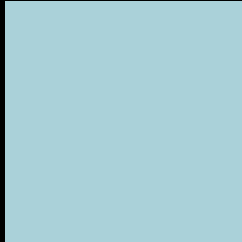
Large Text (above 18pt) WCAG AA × Fail

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 59.1567, 0.2800, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

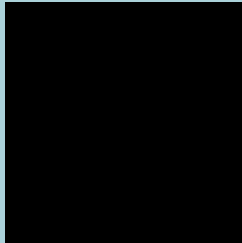
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

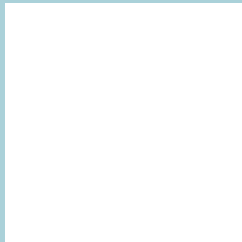
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1567, 0.2800, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 59.1567, 0.2800, 0.3191.

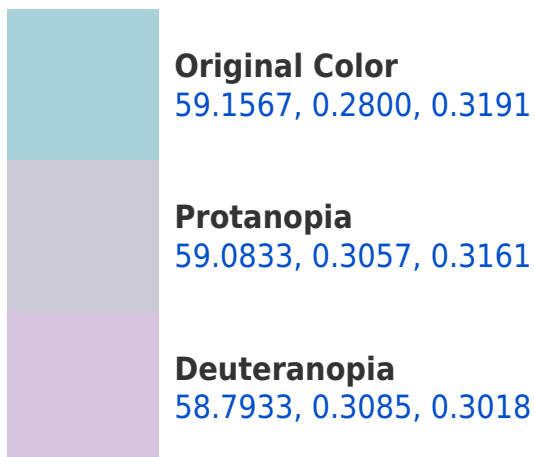


This preview shows how white text looks on a background with the Yxy color 59.1567, 0.2800, 0.3191.

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

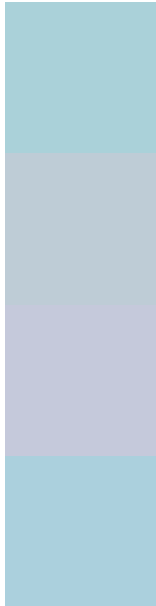




Tritanopia

59.2642, 0.2770, 0.3095

Trichromacy



Original Color

59.1567, 0.2800, 0.3191

Protanomaly

58.9879, 0.2954, 0.3170

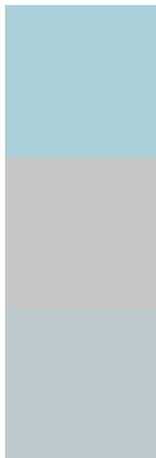
Deuteranomaly

58.7581, 0.2971, 0.3079

Tritanomaly

58.9901, 0.2781, 0.3131

Monochromacy



Original Color

59.1567, 0.2800, 0.3191

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.3402, 0.3000, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1567, 0.2800, 0.3191 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(170, 209, 217)` looks like.

```
.text, #text, p{  
    color:rgb(170, 209, 217)  
}
```

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(170, 209, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 209, 217) }
```

Border

The CSS property to change the border of an element to Yxy 59.1567, 0.2800, 0.3191 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(170, 209, 217) }
```

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

```
.border{ border-color:rgb(170, 209, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 209, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 209, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 209, 217);  
box-shadow:4px 4px 4px 4px rgb(170, 209,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1567, 0.2800, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 209, 217) }
```

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

```
.background{ background-color: rgb(170,  
209, 217) }
```

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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