

Converting Colors

$Yxy(57.7428, 0.2919, 0.3282)$

Have a look what the booklet for
Yxy(57.7428, 0.2919, 0.3282)
contains.

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Color

Yxy(57.5839, 0.2921, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B2CDCE
RGB	178, 205, 206
RGB Percent	70%, 80%, 81%
CMY	0.3021, 0.1960, 0.1921
CMYK	0.14, 0.00, 0.00, 0.19
HSL	182°, 22%, 75%
HSV	182°, 14%, 81%
XYZ	51.3282, 57.5839, 66.8093
YIQ	197.0410, -16.4130, -5.4130

Conversions

Conversions Part 2

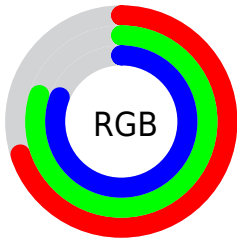
Format	Color
RYB	178, 192, 206
Decimal	11718094
CIELab	80.51, -8.81, -3.56
CIElCh	81, 9.500, 202.003
Yxy	57.5839, 0.2921, 0.3277
Android (android.graphics.Color)	4289908174 (0xFFB2CDCE)
YUV	197.0410, 4.4168, -16.6990
Hunter-Lab	75.8841, -12.0591, 0.9192

Details

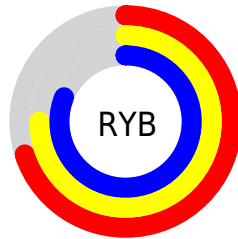
The Yxy color **57.5839, 0.2921, 0.3277** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.5673, 0.3374, 0.3303**, and the grayscale version is **55.8401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **28.7602, 0.2867, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **54.9785, 0.2779, 0.3267**, and if you desaturate by 10%, it is **60.5617, 0.3071, 0.3287**.

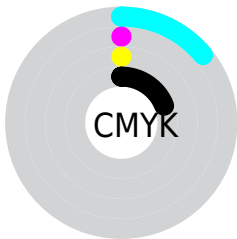
Distribution



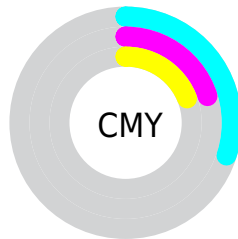
- Red (70%)
- Green (80%)
- Blue (81%)



- Red (70%)
- Yellow (75%)
- Blue (81%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (30%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5839, 0.2921, 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 57.5839, 0.2921, 0.3277 by changing the saturation by 10% instead.

■ 57.5839, 0.2921,
0.3277

■ 57.5839, 0.2921,
0.3277

415.6337, 0.3020,
0.3284

■ 41.4742, 0.2897,
0.3275

■ 101.3167, 0.2956,
0.3280

■ 28.6898, 0.2868,
0.3273

129.7086, 0.2970,
0.3281

■ 18.8463, 0.2830,
0.3269

162.9633, 0.2981,
0.3281

■ 11.5593, 0.2778,
0.3264

201.4653, 0.2991,
0.3282

■ 6.4443, 0.2705,
0.3256

245.5989, 0.3000,
0.3283

■ 3.1171, 0.2593,
0.3243

295.7486, 0.3007,

■ 1.1932, 0.2402,

0.3283

0.3215

352.2987, 0.3014,
0.3284

■ 0.0561, 0.0000,
0.1533

■ 0.0000, 0.0000,
0.0000

■ 57.5839, 0.2921,
0.3277

■ 57.5839, 0.2921,
0.3277

■ 54.9785, 0.2779,
0.3267

■ 60.5617, 0.3071,
0.3287

■ 52.7221, 0.2649,
0.3256

■ 63.9199, 0.3227,
0.3296

■ 50.7995, 0.2534,
0.3244

■ 67.6753, 0.3386,
0.3304

■ 49.1917, 0.2435,
0.3232

■ 70.8072, 0.3504,
0.3311

■ 47.8779, 0.2354,
0.3220

■ 71.1671, 0.3502,
0.3319

■ 46.8345, 0.2293,
0.3208

■ 71.5286, 0.3501,
0.3326

■ 46.0346, 0.2251,
0.3196

■ 71.8918, 0.3499,
0.3334

■ 45.4453, 0.2226,
0.3185

■ 72.2567, 0.3498,
0.3341

■ 45.1421, 0.2216,
0.3177

■ 72.6232, 0.3497,
0.3349

Harmonies

Analogous

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



57.5839, 0.3008, 0.3389



57.5839, 0.2921, 0.3277



57.5839, 0.2889, 0.3171

Triad

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



57.5839, 0.2921, 0.3277



57.5839, 0.3123, 0.3115



57.5839, 0.3339, 0.3480

Complementary

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



57.5839, 0.2921, 0.3277



48.5673, 0.3374, 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.



57.5839, 0.3372, 0.3402



57.5839, 0.2921, 0.3277



57.5839, 0.3246, 0.3193

Square

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



57.5839, 0.2921, 0.3277



57.5839, 0.3004, 0.3081



57.5839, 0.3338, 0.3298



57.5839, 0.3249, 0.3507

Rectangle

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



57.5839, 0.2921, 0.3277



57.5839, 0.2902, 0.3119



57.5839, 0.3338, 0.3298



57.5839, 0.3357, 0.3458

Sweetspot

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



57.5863, 0.2921, 0.3277



97.8841, 0.3065, 0.3286



56.8615, 0.3104, 0.3635



20.8685, 0.3053, 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.



57.5863, 0.2921, 0.3277



92.1392, 0.2883, 0.3274



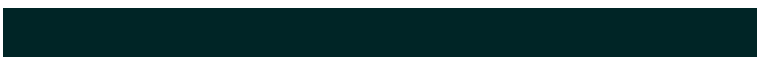
51.2057, 0.2916, 0.3102



12.6556, 0.2984, 0.3281



27.8250, 0.2216, 0.3179



1.4574, 0.2223, 0.3202

Inverse Universe

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



49.3620, 0.3151, 0.2969



76.5808, 0.3156, 0.2906



54.4448, 0.3350, 0.3471



11.3966, 0.3143, 0.3070



10.6119, 0.3300, 0.1591



0.5497, 0.3281, 0.1581

Previews

White Background



This preview shows how the Yxy color 57.5839, 0.2921, 0.3277 looks on a white background.

Color Contrast Check

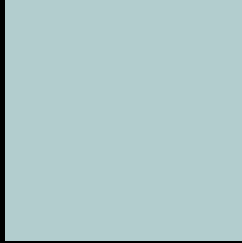
Large Text (above 18pt) WCAG AA × Fail

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 57.5839, 0.2921, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

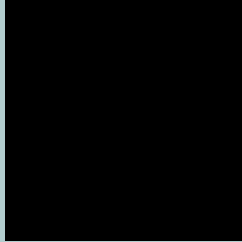
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

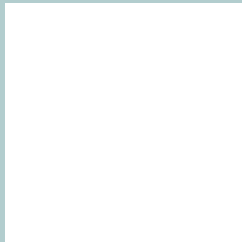
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.5839, 0.2921, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 57.5839, 0.2921, 0.3277.

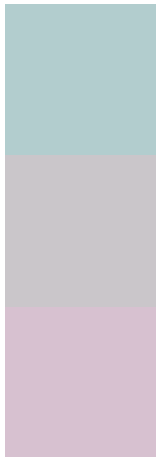


This preview shows how white text looks on a background with the Yxy color 57.5839, 0.2921, 0.3277.

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

57.5839, 0.2921, 0.3277

Protanopia

57.2090, 0.3129, 0.3243

Deuteranopia

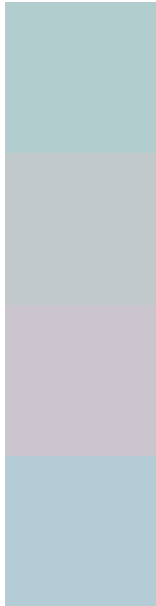
57.1411, 0.3191, 0.3118



Tritanopia

57.5296, 0.2850, 0.3096

Trichromacy



Original Color

57.5839, 0.2921, 0.3277

Protanomaly

57.4225, 0.3052, 0.3266

Deuteranomaly

56.9941, 0.3094, 0.3172

Tritanomaly

57.6245, 0.2876, 0.3167

Monochromacy



Original Color

57.5839, 0.2921, 0.3277

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.4258, 0.3050, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5839, 0.2921, 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 $rgb(178, 205, 206)$ looks like.

```
.text, #text, p{  
    color:rgb(178, 205, 206)  
}
```

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(178, 205, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 205, 206) }
```

Border

The CSS property to change the border of an element to Yxy 57.5839, 0.2921, 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(178, 205, 206) }
```

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

```
.border{ border-color:rgb(178, 205, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 205, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 205, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 205, 206);  
box-shadow:4px 4px 4px 4px rgb(178, 205,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5839, 0.2921, 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(178, 205, 206) }
```

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

```
.background{ background-color: rgb(178,  
205, 206) }
```

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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