

Converting Colors

$Y_{xy}(39.8243, 0.2827, 0.3261)$

Have a look what the booklet for
Yxy(39.8243, 0.2827, 0.3261)
contains.

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Color

Yxy(39.9277, 0.2821, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	8DB0B2
RGB	141, 176, 178
RGB Percent	55%, 69%, 70%
CMY	0.4469, 0.3098, 0.3020
CMYK	0.21, 0.01, 0.00, 0.30
HSL	183°, 19%, 63%
HSV	183°, 21%, 70%
XYZ	34.5509, 39.9277, 47.9990
YIQ	165.7630, -21.5020, -6.7980

Conversions

Conversions Part 2

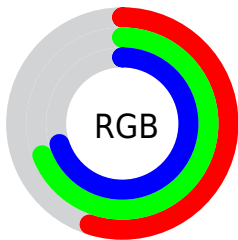
Format	Color
RYB	141, 159, 178
Decimal	9285810
CIELab	69.42, -11.34, -4.94
CIElCh	69, 12.368, 203.548
Yxy	39.9277, 0.2821, 0.3260
Android (android.graphics.Color)	4287475890 (0xFF8DB0B2)
YUV	165.7630, 6.0328, -21.7172
Hunter-Lab	63.1884, -12.9772, -0.8058

Details

The Yxy color **39.9277, 0.2821, 0.3260** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.0472, 0.3529, 0.3320**, and the grayscale version is **37.9957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2558, 0.2875, 0.3267**, and **17.8202, 0.2734, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **38.1160, 0.2687, 0.3244**, and if you desaturate by 10%, it is **41.9961, 0.2965, 0.3275**.

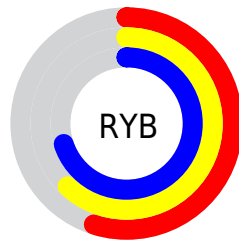
Distribution



Red (55%)

Green (69%)

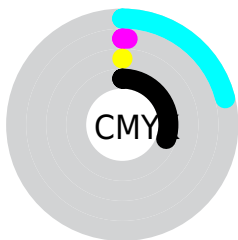
Blue (70%)



Red (55%)

Yellow (62%)

Blue (70%)

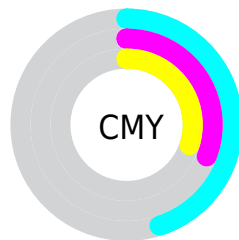


Cyan (21%)

Magenta (1%)

Yellow (0%)

Black (30%)



Cyan (45%)


Magenta (31%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9277, 0.2821, 0.3260 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 39.9277, 0.2821, 0.3260 by changing the saturation by 10% instead.


 39.9277, 0.2821,
0.3260

 39.9277, 0.2821,
0.3260


345.8187, 0.2977,
0.3277


 27.4822, 0.2781,
0.3255


 75.0534, 0.2878,
0.3267

 17.9357, 0.2730,
0.3248


 98.5024, 0.2900,
0.3269

 10.9038, 0.2660,
0.3238


 126.3880, 0.2918,
0.3271

 6.0022, 0.2561,
0.3223

159.0945, 0.2933,
0.3273

 2.8464, 0.2410,
0.3196

197.0065, 0.2946,
0.3274

 1.0521, 0.2135,
0.3146

240.5083, 0.2958,

 0.0000, 0.0000,

0.3275

0.0000

289.9842, 0.2968,
0.3276

■ 39.9277, 0.2821,
0.3260

■ 39.9277, 0.2821,
0.3260

■ 38.1160, 0.2687,
0.3244

■ 41.9961, 0.2965,
0.3275

■ 36.5441, 0.2566,
0.3227

■ 44.3276, 0.3116,
0.3289

■ 35.2008, 0.2461,
0.3209

■ 46.9341, 0.3271,
0.3302

■ 34.0719, 0.2373,
0.3192

■ 49.8256, 0.3428,
0.3313

■ 33.1416, 0.2303,
0.3173

■ 53.0116, 0.3584,
0.3323

■ 32.3921, 0.2252,
0.3155

■ 56.5009, 0.3738,
0.3332

■ 31.8020, 0.2219,
0.3137

■ 58.2274, 0.3796,
0.3342

■ 31.3574, 0.2200,
0.3121

■ 58.6247, 0.3793,
0.3352

■ 59.0246, 0.3790,
0.3362

Harmonies

Analogous

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



39.9277, 0.2943, 0.3428



39.9277, 0.2821, 0.3260



39.9277, 0.2779, 0.3106

Triad

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



39.9277, 0.2821, 0.3260



39.9277, 0.3130, 0.3040



39.9277, 0.3434, 0.3572

Complementary

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



39.9277, 0.2821, 0.3260



31.0472, 0.3529, 0.3320

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.



39.9277, 0.3488, 0.3459



39.9277, 0.2821, 0.3260



39.9277, 0.3310, 0.3156

Square

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



39.9277, 0.2821, 0.3260



39.9277, 0.2954, 0.2986



39.9277, 0.3443, 0.3307



39.9277, 0.3296, 0.3612

Rectangle

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



39.9277, 0.2821, 0.3260



39.9277, 0.2801, 0.3033



39.9277, 0.3443, 0.3307



39.9277, 0.3462, 0.3541

Sweetspot

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



39.9293, 0.2821, 0.3260



78.0727, 0.3034, 0.3282



39.4838, 0.3086, 0.3825



17.2374, 0.3025, 0.3281



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.9293, 0.2821, 0.3260



70.8242, 0.2757, 0.3253



33.2235, 0.2803, 0.2985



9.5513, 0.2986, 0.3277



22.4696, 0.2201, 0.3123



0.7307, 0.2215, 0.3173

Inverse Universe

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



31.6629, 0.3170, 0.2810



53.1032, 0.3181, 0.2700



37.0065, 0.3478, 0.3577



8.6386, 0.3146, 0.3077



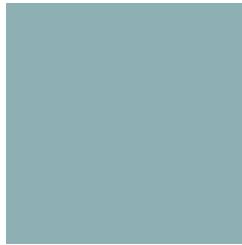
8.8085, 0.3347, 0.1618



0.2795, 0.3305, 0.1594

Previews

White Background



This preview shows how the Yxy color 39.9277, 0.2821, 0.3260 looks on a white background.

Color Contrast Check

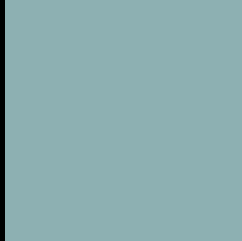
Large Text (above 18pt) WCAG AA × Fail

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 39.9277, 0.2821, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

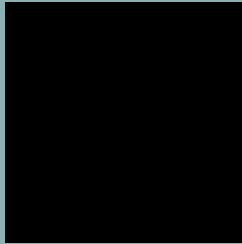
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

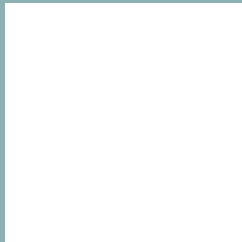
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.9277, 0.2821, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 39.9277, 0.2821, 0.3260.

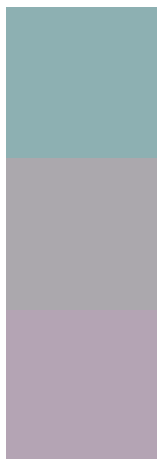


This preview shows how white text looks on a background with the Yxy color 39.9277, 0.2821, 0.3260.

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

39.9277, 0.2821, 0.3260

Protanopia

39.6803, 0.3112, 0.3221

Deuteranopia

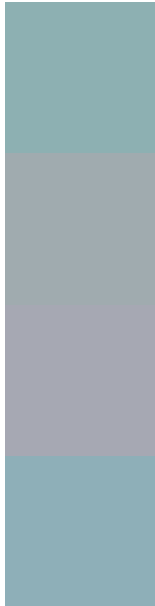
39.5495, 0.3137, 0.3076



Tritanopia

39.7426, 0.2762, 0.3089

Trichromacy



Original Color

39.9277, 0.2821, 0.3260

Protanomaly

39.6945, 0.2997, 0.3233

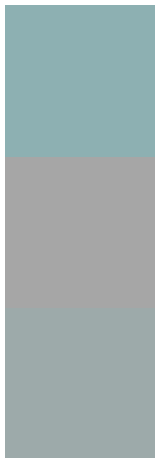
Deuteranomaly

39.3669, 0.3018, 0.3137

Tritanomaly

39.8714, 0.2784, 0.3159

Monochromacy



Original Color

39.9277, 0.2821, 0.3260

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.8198, 0.3011, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9277, 0.2821, 0.3260 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(141, 176, 178)` looks like.

```
.text, #text, p{  
    color:rgb(141, 176, 178)  
}
```

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(141, 176, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 176, 178) }
```

Border

The CSS property to change the border of an element to Yxy 39.9277, 0.2821, 0.3260 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(141, 176, 178) }
```

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

```
.border{ border-color:rgb(141, 176, 178) }
```

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

Here you see how a box with a 4 pixel rgb(141, 176, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 176, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 176, 178);  
box-shadow:4px 4px 4px 4px rgb(141, 176,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9277, 0.2821, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 176, 178) }
```

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

```
.background{ background-color: rgb(141,  
176, 178) }
```

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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