

Converting Colors

$Yxy(40.0191, 0.2764, 0.3365)$

Have a look what the booklet for
Yxy(40.0191, 0.2764, 0.3365)
contains.

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Color

Yxy(39.9633, 0.2762, 0.3364)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 81B3AE |
| RGB | 129, 179, 174 |
| RGB Percent | 51%, 70%, 68% |
| CMY | 0.4941, 0.2980, 0.3177 |
| CMYK | 0.28, 0.00, 0.03, 0.30 |
| HSL | 174°, 25%, 60% |
| HSV | 174°, 28%, 70% |
| XYZ | 32.8117, 39.9633, 46.0219 |
| YIQ | 163.4800, -28.1950, -12.1550 |

Conversions

Conversions Part 2

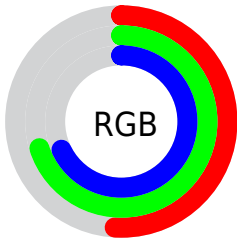
| Format | Color |
|-------------------------------------|---|
| RYB | 129, 155, 179 |
| Decimal | 8500142 |
| CIELab | 69.44, -17.54, -2.78 |
| CIELCh | 69, 17.757, 189.002 |
| Yxy | 39.9633, 0.2762, 0.3364 |
| Android (android.graphics.Color) | 4286690222 (0xFF81B3AE) |
| YUV | 163.4800, 5.1864, -30.2390 |
| Hunter-Lab | 63.2165, -17.9808, 1.0882 |

Details

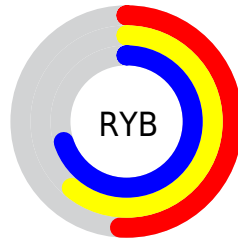
The Yxy color **39.9633, 0.2762, 0.3364** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **27.0058, 0.3664, 0.3219**, and the grayscale version is **36.8497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1411, 0.2832, 0.3357**, and **17.9466, 0.2654, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **38.6142, 0.2651, 0.3394**, and if you desaturate by 10%, it is **41.5621, 0.2885, 0.3336**.

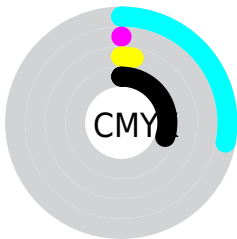
Distribution



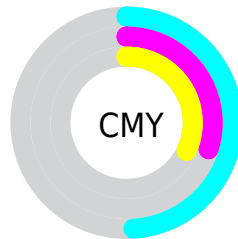
- Red (51%)
- Green (70%)
- Blue (68%)



- Red (51%)
- Yellow (61%)
- Blue (70%)



- Cyan (28%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)





- Cyan (49%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9633, 0.2762, 0.3364 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 39.9633, 0.2762, 0.3364 by changing the saturation by 10% instead.

 39.9633, 0.2762,
0.3364


 39.9633, 0.2762,
0.3364


345.9689, 0.2948,
0.3328

 27.5099, 0.2714,
0.3373


 75.1076, 0.2830,
0.3351

 17.9566, 0.2653,
0.3384


 98.5674, 0.2856,
0.3346

 10.9188, 0.2570,
0.3398


 126.4647, 0.2877,
0.3342

 6.0123, 0.2451,
0.3417

159.1840, 0.2896,
0.3338

 2.8525, 0.2271,
0.3444

197.1097, 0.2911,
0.3335

 1.0552, 0.1884,
0.3515

240.6261, 0.2925,

 0.0000, 0.0000,

0.3332

0.0000

290.1177, 0.2937,
0.3330

■ 39.9633, 0.2762,
0.3364

■ 39.9633, 0.2762,
0.3364

■ 38.6142, 0.2651,
0.3394

■ 41.5621, 0.2885,
0.3336

■ 37.4972, 0.2554,
0.3426

■ 43.4177, 0.3018,
0.3309

■ 36.5999, 0.2474,
0.3460

■ 45.5428, 0.3156,
0.3285

■ 35.9068, 0.2412,
0.3493

■ 47.9478, 0.3298,
0.3264

■ 35.4004, 0.2369,
0.3528

■ 50.6427, 0.3442,
0.3244

■ 35.0604, 0.2344,
0.3562

■ 53.6368, 0.3585,
0.3227

■ 34.8542, 0.2335,
0.3596

■ 56.9392, 0.3725,
0.3212

■ 34.8173, 0.2334,
0.3603

■ 57.1487, 0.3715,
0.3194

■ 57.2269, 0.3699,
0.3175

Harmonies

Analogous

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



39.9633, 0.2976, 0.3595



39.9633, 0.2762, 0.3364



39.9633, 0.2646, 0.3122

Triad

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



39.9633, 0.2762, 0.3364



39.9633, 0.3001, 0.2887



39.9633, 0.3623, 0.3621

Complementary

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



39.9633, 0.2762, 0.3364



27.0058, 0.3664, 0.3219

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.



39.9633, 0.3634, 0.3424



39.9633, 0.2762, 0.3364



39.9633, 0.3266, 0.3011

Square

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



39.9633, 0.2762, 0.3364



39.9633, 0.2779, 0.2859



39.9633, 0.3501, 0.3204



39.9633, 0.3475, 0.3740

Rectangle

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



39.9633, 0.2762, 0.3364



39.9633, 0.2636, 0.2991



39.9633, 0.3501, 0.3204



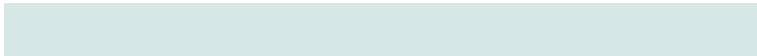
39.9633, 0.3643, 0.3561

Sweetspot

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



39.9649, 0.2762, 0.3364



77.6840, 0.3015, 0.3310



38.9643, 0.3139, 0.4071



17.0943, 0.2995, 0.3314



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.



39.9649, 0.2762, 0.3364



69.9177, 0.2687, 0.3384



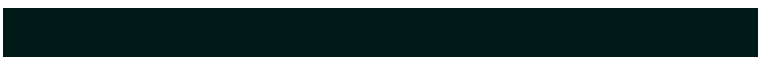
33.0065, 0.2698, 0.2995



9.6166, 0.2999, 0.3313



24.6073, 0.2333, 0.3599



0.7785, 0.2307, 0.3504

Inverse Universe

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



27.0058, 0.3664, 0.3219



42.5724, 0.3846, 0.3201



32.4015, 0.3651, 0.3567



8.5187, 0.3272, 0.3267



6.8078, 0.6263, 0.3224



0.2187, 0.5781, 0.2958

Previews

White Background



This preview shows how the Yxy color 39.9633, 0.2762, 0.3364 looks on a white background.

Color Contrast Check

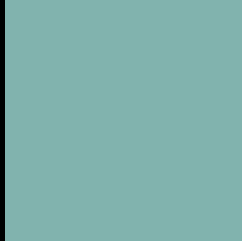
Large Text (above 18pt) WCAG AA × Fail

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 39.9633, 0.2762, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

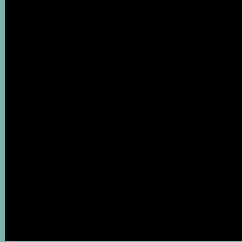
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9633, 0.2762, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 39.9633, 0.2762, 0.3364.

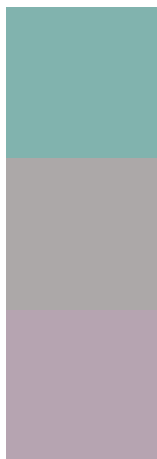


This preview shows how white text looks on a background with the Yxy color 39.9633, 0.2762, 0.3364.

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

39.9633, 0.2762, 0.3364

Protanopia

39.6031, 0.3164, 0.3290

Deuteranopia

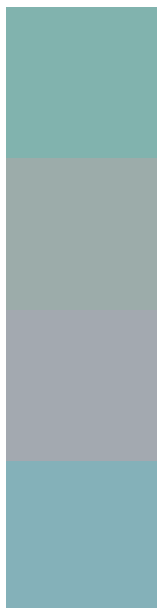
39.6703, 0.3182, 0.3117



Tritanopia

39.7988, 0.2671, 0.3072

Trichromacy



Original Color

39.9633, 0.2762, 0.3364

Protanomaly

39.4752, 0.3003, 0.3318

Deuteranomaly

39.2971, 0.3015, 0.3192

Tritanomaly

39.8526, 0.2706, 0.3172

Monochromacy



Original Color

39.9633, 0.2762, 0.3364

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.7453, 0.2983, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9633, 0.2762, 0.3364 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(129, 179, 174)` looks like.

```
.text, #text, p{  
    color:rgb(129, 179, 174)  
}
```

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(129, 179, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 179, 174) }
```

Border

The CSS property to change the border of an element to Yxy 39.9633, 0.2762, 0.3364 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(129, 179, 174) }
```

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

```
.border{ border-color:rgb(129, 179, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 179, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 179, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 179, 174); box-shadow:4px 4px 4px 4px rgb(129, 179, 174) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9633, 0.2762, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 179, 174) }
```

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

```
.background{ background-color: rgb(129,  
179, 174) }
```

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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