

Converting Colors

$Yxy(39.4910, 0.2782, 0.3425)$

Have a look what the booklet for
Yxy(39.4910, 0.2782, 0.3425)
contains.

Yxy(39.7317, 0.2782, 0.3425)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.7317, 0.2782, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	80B3AA
RGB	128, 179, 170
RGB Percent	50%, 70%, 67%
CMY	0.4982, 0.2980, 0.3333
CMYK	0.29, 0.00, 0.05, 0.30
HSL	169°, 25%, 60%
HSV	169°, 29%, 70%
XYZ	32.2726, 39.7317, 44.0007
YIQ	162.7250, -27.5070, -13.6110

Conversions

Conversions Part 2

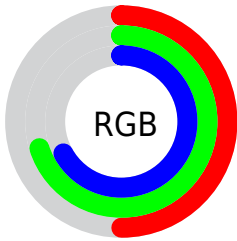
Format	Color
RYB	128, 156, 179
Decimal	8434602
CIELab	69.28, -18.76, -0.83
CIElCh	69, 18.776, 182.543
Yxy	39.7317, 0.2782, 0.3425
Android (android.graphics.Color)	4286624682 (0xFF80B3AA)
YUV	162.7250, 3.5866, -30.4538
Hunter-Lab	63.0331, -18.9169, 2.7354

Details

The Yxy color **39.7317, 0.2782, 0.3425** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **26.8158, 0.3633, 0.3161**, and the grayscale version is **36.4783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7980, 0.2848, 0.3404**, and **17.8075, 0.2681, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **38.3480, 0.2679, 0.3480**, and if you desaturate by 10%, it is **41.3663, 0.2896, 0.3374**.

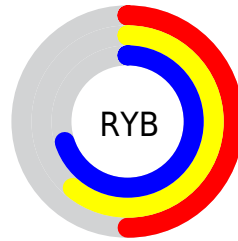
Distribution



Red (50%)

Green (70%)

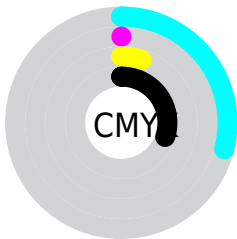
Blue (67%)



Red (50%)

Yellow (61%)

Blue (70%)

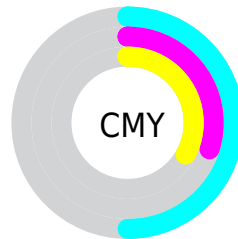


Cyan (29%)

Magenta (0%)

Yellow (5%)

Black (30%)



Cyan (50%)


Magenta (30%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7317, 0.2782, 0.3425 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 39.7317, 0.2782, 0.3425 by changing the saturation by 10% instead.


 39.7317, 0.2782,
0.3425

 39.7317, 0.2782,
0.3425


344.9914, 0.2958,
0.3357


 27.3294, 0.2737,
0.3442


 74.7548, 0.2847,
0.3400

 17.8208, 0.2678,
0.3465


 98.1444, 0.2871,
0.3390

 10.8214, 0.2598,
0.3495


 125.9652, 0.2892,
0.3383

 5.9469, 0.2484,
0.3539

158.6016, 0.2909,
0.3376

 2.8128, 0.2308,
0.3604

196.4381, 0.2924,
0.3370

 1.0348, 0.1888,
0.3769

239.8589, 0.2937,

 0.0000, 0.0000,

0.3365

0.0000

289.2486, 0.2948,
0.3360

■ 39.7317, 0.2782,
0.3425

■ 39.7317, 0.2782,
0.3425

■ 38.3480, 0.2679,
0.3480

■ 41.3663, 0.2896,
0.3374

■ 37.1976, 0.2589,
0.3538

■ 43.2591, 0.3019,
0.3327

■ 36.2679, 0.2516,
0.3598

■ 45.4226, 0.3146,
0.3284

■ 35.5433, 0.2460,
0.3660

■ 47.8675, 0.3277,
0.3245

■ 35.0063, 0.2424,
0.3723

■ 50.6038, 0.3408,
0.3211

■ 34.6362, 0.2406,
0.3786

■ 53.6407, 0.3539,
0.3181

■ 34.3975, 0.2405,
0.3849

■ 56.9875, 0.3667,
0.3154

■ 34.3657, 0.2405,
0.3858

■ 57.4576, 0.3654,
0.3122

■ 57.6022, 0.3626,
0.3089

Harmonies

Analogous

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



39.7317, 0.3024, 0.3657



39.7317, 0.2782, 0.3425



39.7317, 0.2634, 0.3163

Triad

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



39.7317, 0.2782, 0.3425



39.7317, 0.2937, 0.2848



39.7317, 0.3669, 0.3599

Complementary

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



39.7317, 0.2782, 0.3425



26.8158, 0.3633, 0.3161

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.



39.7317, 0.3646, 0.3381



39.7317, 0.2782, 0.3425



39.7317, 0.3214, 0.2960

Square

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



39.7317, 0.2782, 0.3425



39.7317, 0.2720, 0.2843



39.7317, 0.3477, 0.3151



39.7317, 0.3540, 0.3749

Rectangle

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



39.7317, 0.2782, 0.3425



39.7317, 0.2605, 0.3013



39.7317, 0.3477, 0.3151



39.7317, 0.3679, 0.3531

Sweetspot

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



39.7333, 0.2782, 0.3425



77.2365, 0.3011, 0.3330



39.1474, 0.3169, 0.4082



16.9978, 0.2993, 0.3336



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.



39.7333, 0.2782, 0.3425



69.5975, 0.2718, 0.3458



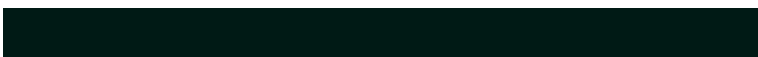
33.9794, 0.2695, 0.3042



9.6053, 0.3009, 0.3330



24.2891, 0.2403, 0.3851



0.7710, 0.2355, 0.3676

Inverse Universe

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



26.8158, 0.3633, 0.3161



42.7894, 0.3784, 0.3132



31.1256, 0.3678, 0.3525



8.5289, 0.3260, 0.3250



6.8514, 0.6105, 0.3137



0.2229, 0.5407, 0.2752

Previews

White Background



This preview shows how the Yxy color 39.7317, 0.2782, 0.3425 looks on a white background.

Color Contrast Check

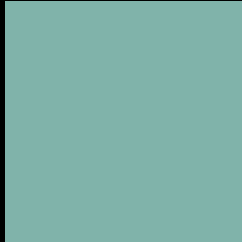
Large Text (above 18pt) WCAG AA × Fail

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 39.7317, 0.2782, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

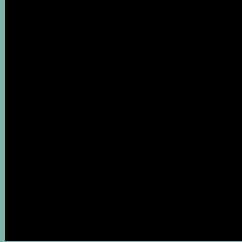
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7317, 0.2782, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 39.7317, 0.2782, 0.3425.

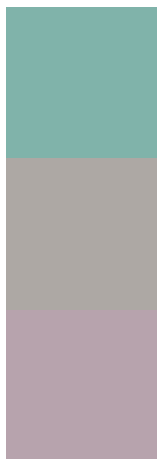


This preview shows how white text looks on a background with the Yxy color 39.7317, 0.2782, 0.3425.

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

39.7317, 0.2782, 0.3425

Protanopia

39.5698, 0.3208, 0.3346

Deuteranopia

39.2788, 0.3228, 0.3156



Tritanopia

39.6739, 0.2671, 0.3086

Trichromacy



Original Color

39.7317, 0.2782, 0.3425

Protanomaly

39.4263, 0.3043, 0.3376

Deuteranomaly

39.1410, 0.3048, 0.3247

Tritanomaly

39.6885, 0.2712, 0.3201

Monochromacy



Original Color

39.7317, 0.2782, 0.3425

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.6131, 0.2982, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7317, 0.2782, 0.3425 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(128, 179, 170)` looks like.

```
.text, #text, p{  
    color:rgb(128, 179, 170)  
}
```

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(128, 179, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 179, 170) }
```

Border

The CSS property to change the border of an element to Yxy 39.7317, 0.2782, 0.3425 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(128, 179, 170) }
```

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

```
.border{ border-color:rgb(128, 179, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 179, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 179, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 179, 170);  
box-shadow:4px 4px 4px 4px rgb(128, 179,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7317, 0.2782, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 179, 170) }
```

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

```
.background{ background-color: rgb(128,  
179, 170) }
```

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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