

Converting Colors

$Yxy(44.7707, 0.2876, 0.3377)$

Have a look what the booklet for
Yxy(44.7707, 0.2876, 0.3377)
contains.

Yxy(44.8027, 0.2876, 0.3373)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.8027, 0.2876, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	95BAB4
RGB	149, 186, 180
RGB Percent	58%, 73%, 71%
CMY	0.4154, 0.2706, 0.2940
CMYK	0.20, 0.00, 0.03, 0.27
HSL	170°, 21%, 66%
HSV	170°, 20%, 73%
XYZ	38.2012, 44.8027, 49.8236
YIQ	174.2530, -20.1260, -9.7100

Conversions

Conversions Part 2

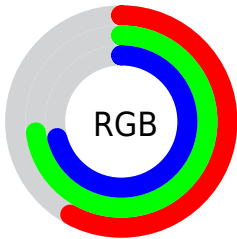
Format	Color
RYB	149, 169, 186
Decimal	9812660
CIELab	72.76, -13.60, -1.08
CIElCh	73, 13.646, 184.544
Yxy	44.8027, 0.2876, 0.3373
Android (android.graphics.Color)	4288002740 (0xFF95BAB4)
YUV	174.2530, 2.8333, -22.1469
Hunter-Lab	66.9348, -15.2621, 2.7213

Details

The Yxy color $44.8027, 0.2876, 0.3373$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $34.3200, 0.3453, 0.3209$, and the grayscale version is $42.4642, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.3978, 0.2922, 0.3354$, and $20.8488, 0.2802, 0.3407$ is the 20% darker color. If you saturate the color by 10%, you get $43.0704, 0.2761, 0.3420$, and if you desaturate by 10%, it is $46.8207, 0.3000, 0.3329$.

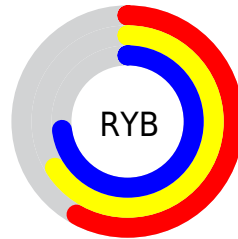
Distribution



Red (58%)

Green (73%)

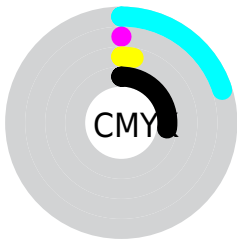
Blue (71%)



Red (58%)

Yellow (66%)

Blue (73%)

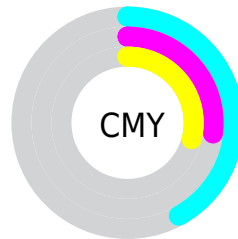


Cyan (20%)

Magenta (0%)

Yellow (3%)

Black (27%)



Cyan (42%)

Magenta (27%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8027, 0.2876, 0.3373 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 44.8027, 0.2876, 0.3373 by changing the saturation by 10% instead.

■ 44.8027, 0.2876,
0.3373

■ 44.8027, 0.2876,
0.3373

365.9739, 0.3002,
0.3332

■ 31.3020, 0.2844,
0.3383

■ 82.4243, 0.2922,
0.3358

■ 20.8290, 0.2804,
0.3396

■ 107.3140, 0.2939,
0.3352

■ 12.9990, 0.2749,
0.3414

136.7688, 0.2954,
0.3348

■ 7.4279, 0.2673,
0.3438

171.1732, 0.2966,
0.3344

■ 3.7311, 0.2559,
0.3473

210.9115, 0.2977,
0.3340

■ 1.5243, 0.2368,
0.3531

256.3681, 0.2986,

■ 0.3057, 0.0000,

0.3337

0.4281

307.9274, 0.2995,
0.3334

0.0000, 0.0000,
0.0000

44.8027, 0.2876,
0.3373

44.8027, 0.2876,
0.3373

43.0704, 0.2761,
0.3420

46.8207, 0.3000,
0.3329

41.6051, 0.2658,
0.3471

49.1313, 0.3129,
0.3289

40.3943, 0.2569,
0.3524

51.7480, 0.3262,
0.3254

39.4223, 0.2497,
0.3580

54.6817, 0.3396,
0.3221

38.6718, 0.2443,
0.3637

57.9429, 0.3530,
0.3193

■ 38.1229, 0.2409,
0.3694

■ 60.4531, 0.3613,
0.3166

■ 37.7524, 0.2393,
0.3751

■ 60.5933, 0.3588,
0.3135

■ 37.5138, 0.2391,
0.3808

■ 60.7363, 0.3562,
0.3104

■ 37.5106, 0.2391,
0.3809

■ 60.8821, 0.3537,
0.3073

Harmonies

Analogous

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



44.8027, 0.3044, 0.3534



44.8027, 0.2876, 0.3373



44.8027, 0.2775, 0.3193

Triad

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



44.8027, 0.2876, 0.3373



44.8027, 0.3007, 0.2980



44.8027, 0.3501, 0.3520

Complementary

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



44.8027, 0.2876, 0.3373



34.3200, 0.3453, 0.3209

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.



44.8027, 0.3492, 0.3369



44.8027, 0.2876, 0.3373



44.8027, 0.3202, 0.3064

Square

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



44.8027, 0.2876, 0.3373



44.8027, 0.2849, 0.2972



44.8027, 0.3381, 0.3204



44.8027, 0.3407, 0.3615

Rectangle

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



44.8027, 0.2876, 0.3373



44.8027, 0.2758, 0.3090



44.8027, 0.3381, 0.3204



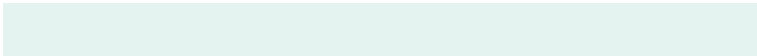
44.8027, 0.3510, 0.3473

Sweetspot

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



44.8045, 0.2876, 0.3373



86.3859, 0.3048, 0.3314



44.2750, 0.3153, 0.3820



18.9645, 0.3039, 0.3317



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



44.8045, 0.2876, 0.3373



79.7317, 0.2823, 0.3394



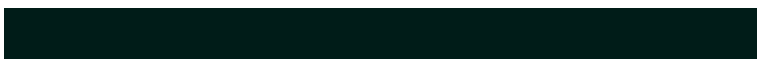
40.0887, 0.2824, 0.3115



10.1850, 0.3006, 0.3327



25.2487, 0.2389, 0.3802



0.8968, 0.2349, 0.3655

Inverse Universe

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



34.3200, 0.3453, 0.3209



57.1213, 0.3548, 0.3189



38.2293, 0.3482, 0.3459



9.0353, 0.3263, 0.3253



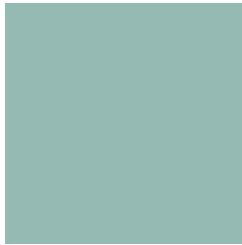
7.0939, 0.6143, 0.3158



0.2575, 0.5515, 0.2812

Previews

White Background



This preview shows how the Yxy color 44.8027, 0.2876, 0.3373 looks on a white background.

Color Contrast Check

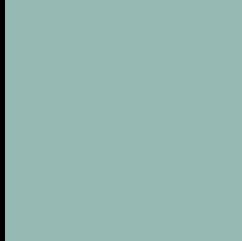
Large Text (above 18pt) WCAG AA × Fail

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 44.8027, 0.2876, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

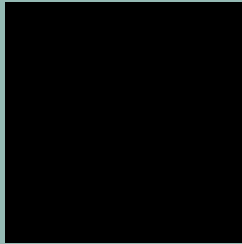
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

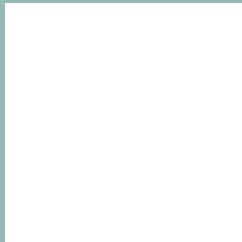
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8027, 0.2876, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 44.8027, 0.2876, 0.3373.



This preview shows how white text looks on a background with the Yxy color 44.8027, 0.2876, 0.3373.

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

44.8027, 0.2876, 0.3373

Protanopia

44.4845, 0.3187, 0.3317

Deuteranopia

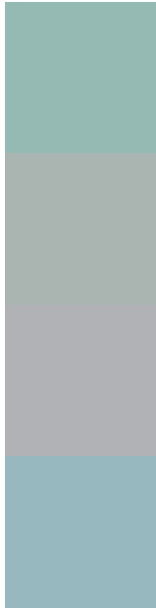
44.6435, 0.3222, 0.3163



Tritanopia

44.7165, 0.2778, 0.3086

Trichromacy



Original Color

44.8027, 0.2876, 0.3373

Protanomaly

44.3629, 0.3066, 0.3330

Deuteranomaly

44.5653, 0.3087, 0.3237

Tritanomaly

44.7180, 0.2820, 0.3193

Monochromacy



Original Color

44.8027, 0.2876, 0.3373

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.9747, 0.3032, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8027, 0.2876, 0.3373 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(149, 186, 180)` looks like.

```
.text, #text, p{  
    color:rgb(149, 186, 180)  
}
```

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(149, 186, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 186, 180) }
```

Border

The CSS property to change the border of an element to Yxy 44.8027, 0.2876, 0.3373 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(149, 186, 180) }
```

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

```
.border{ border-color:rgb(149, 186, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 186, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 186, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 186, 180);  
box-shadow:4px 4px 4px 4px rgb(149, 186,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8027, 0.2876, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 186, 180) }
```

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

```
.background{ background-color: rgb(149,  
186, 180) }
```

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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