

Converting Colors

$Y_{xy}(46.8752, 0.2857, 0.3340)$

Have a look what the booklet for
Yxy(46.8752, 0.2857, 0.3340)
contains.

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Color

Yxy(47.0475, 0.2859, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	98BEBA
RGB	152, 190, 186
RGB Percent	60%, 75%, 73%
CMY	0.4040, 0.2549, 0.2705
CMYK	0.20, 0.00, 0.02, 0.25
HSL	174°, 23%, 67%
HSV	174°, 20%, 75%
XYZ	40.2239, 47.0475, 53.4209
YIQ	178.1820, -21.3640, -9.3000

Conversions

Conversions Part 2

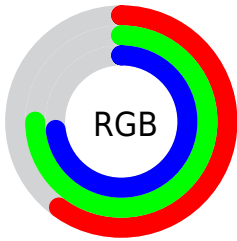
Format	Color
RYB	152, 172, 190
Decimal	10010298
CIELab	74.22, -13.49, -2.19
CIELCh	74, 13.664, 189.222
Yxy	47.0475, 0.2859, 0.3344
Android (android.graphics.Color)	4288200378 (0xFF98BEBA)
YUV	178.1820, 3.8543, -22.9616
Hunter-Lab	68.5912, -15.3568, 1.8370

Details

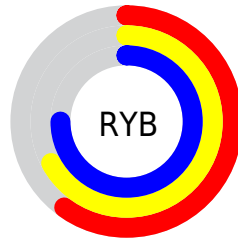
The Yxy color **47.0475, 0.2859, 0.3344** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.7996, 0.3478, 0.3237**, and the grayscale version is **44.6097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5877, 0.2908, 0.3332**, and **22.2941, 0.2783, 0.3365** is the 20% darker color. If you saturate the color by 10%, you get **45.2764, 0.2738, 0.3374**, and if you desaturate by 10%, it is **49.1174, 0.2990, 0.3316**.

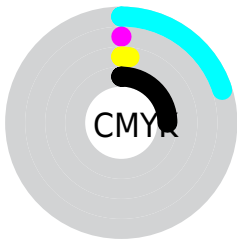
Distribution



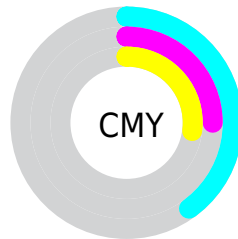
- Red (60%)
- Green (75%)
- Blue (73%)



- Red (60%)
- Yellow (67%)
- Blue (75%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)




- Cyan (40%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0475, 0.2859, 0.3344 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 47.0475, 0.2859, 0.3344 by changing the saturation by 10% instead.


 47.0475, 0.2859,
0.3344


 47.0475, 0.2859,
0.3344


375.0041, 0.2992,
0.3318

 33.0732, 0.2826,
0.3350


 85.7845, 0.2907,
0.3335

 22.1825, 0.2784,
0.3358


 111.3160, 0.2925,
0.3331

 13.9911, 0.2728,
0.3368


141.4688, 0.2941,
0.3328

 8.1145, 0.2650,
0.3382

176.6271, 0.2954,
0.3326

 4.1683, 0.2535,
0.3401

217.1754, 0.2965,
0.3323

 1.7681, 0.2348,
0.3429

263.4980, 0.2976,

 0.4672, 0.0923,

0.3321

0.3756

315.9795, 0.2984,
0.3320

0.0000, 0.0000,
0.0000

47.0475, 0.2859,
0.3344

47.0475, 0.2859,
0.3344

45.2764, 0.2738,
0.3374

49.1174, 0.2990,
0.3316

43.7843, 0.2630,
0.3407

51.4932, 0.3127,
0.3290

42.5579, 0.2537,
0.3441

54.1891, 0.3269,
0.3267

41.5809, 0.2460,
0.3476

57.2168, 0.3412,
0.3246

40.8348, 0.2403,
0.3512

60.5872, 0.3555,
0.3228

■ 40.2987, 0.2365,
0.3548

■ 62.1665, 0.3605,
0.3209

■ 39.9479, 0.2345,
0.3584

■ 62.2593, 0.3588,
0.3188

■ 39.7335, 0.2339,
0.3620

■ 62.3533, 0.3572,
0.3167

■ 62.4485, 0.3555,
0.3147

Harmonies

Analogous

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



47.0475, 0.3017, 0.3509



47.0475, 0.2859, 0.3344



47.0475, 0.2773, 0.3169

Triad

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



47.0475, 0.2859, 0.3344



47.0475, 0.3038, 0.2992



47.0475, 0.3488, 0.3536

Complementary

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



47.0475, 0.2859, 0.3344



35.7996, 0.3478, 0.3237

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.



47.0475, 0.3495, 0.3393



47.0475, 0.2859, 0.3344



47.0475, 0.3231, 0.3085

Square

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



47.0475, 0.2859, 0.3344



47.0475, 0.2873, 0.2973



47.0475, 0.3400, 0.3230



47.0475, 0.3381, 0.3618

Rectangle

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



47.0475, 0.2859, 0.3344



47.0475, 0.2766, 0.3073



47.0475, 0.3400, 0.3230



47.0475, 0.3502, 0.3493

Sweetspot

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



47.0494, 0.2859, 0.3344



90.6179, 0.3043, 0.3305



46.2064, 0.3138, 0.3828



19.8376, 0.3034, 0.3307



97.7402, 0.3127, 0.3290



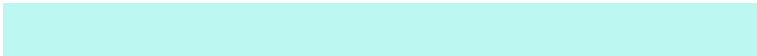
20.4902, 0.3127, 0.3290

Same Dimension

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



47.0494, 0.2859, 0.3344



83.7829, 0.2805, 0.3357



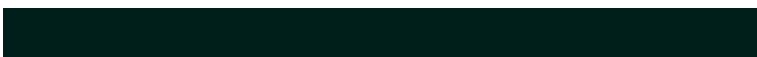
41.2205, 0.2819, 0.3086



10.7918, 0.2998, 0.3314



26.4254, 0.2338, 0.3615



1.0401, 0.2314, 0.3529

Inverse Universe

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



35.7996, 0.3478, 0.3237



59.7034, 0.3577, 0.3225



40.6912, 0.3481, 0.3485



9.5522, 0.3272, 0.3266



7.3185, 0.6260, 0.3222



0.2922, 0.5814, 0.2977

Previews

White Background



This preview shows how the Yxy color 47.0475, 0.2859, 0.3344 looks on a white background.

Color Contrast Check

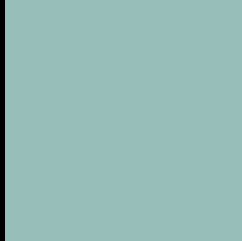
Large Text (above 18pt) WCAG AA × Fail

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 47.0475, 0.2859, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

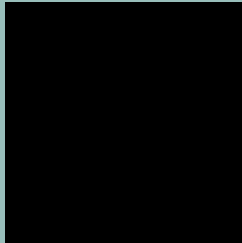
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

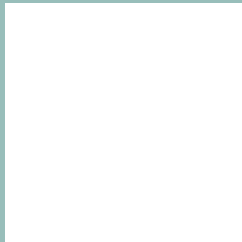
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.0475, 0.2859, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 47.0475, 0.2859, 0.3344.



This preview shows how white text looks on a background with the Yxy color 47.0475, 0.2859, 0.3344.

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

47.0475, 0.2859, 0.3344

Protanopia

46.6982, 0.3161, 0.3290

Deuteranopia

46.9887, 0.3204, 0.3141



Tritanopia

46.7735, 0.2770, 0.3089

Trichromacy



Original Color

47.0475, 0.2859, 0.3344

Protanomaly

46.5841, 0.3043, 0.3303

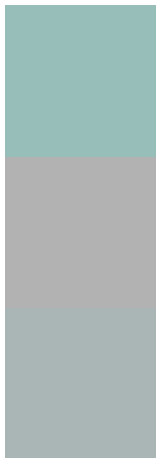
Deuteranomaly

46.9105, 0.3072, 0.3212

Tritanomaly

46.8220, 0.2804, 0.3181

Monochromacy



Original Color

47.0475, 0.2859, 0.3344

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.2271, 0.3026, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0475, 0.2859, 0.3344 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(152, 190, 186)` looks like.

```
.text, #text, p{  
    color:rgb(152, 190, 186)  
}
```

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(152, 190, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 190, 186) }
```

Border

The CSS property to change the border of an element to Yxy 47.0475, 0.2859, 0.3344 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(152, 190, 186) }
```

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

```
.border{ border-color:rgb(152, 190, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 190, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 190, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 190, 186);  
box-shadow:4px 4px 4px 4px rgb(152, 190,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0475, 0.2859, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 190, 186) }
```

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

```
.background{ background-color: rgb(152,  
190, 186) }
```

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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