

Converting Colors

$Y_{xy}(43.7991, 0.2891, 0.3308)$

Have a look what the booklet for
Yxy(43.7991, 0.2891, 0.3308)
contains.

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Color

Yxy(43.8786, 0.2890, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	98B7B5
RGB	152, 183, 181
RGB Percent	60%, 72%, 71%
CMY	0.4037, 0.2824, 0.2902
CMYK	0.17, 0.00, 0.01, 0.28
HSL	176°, 18%, 66%
HSV	176°, 17%, 72%
XYZ	38.2301, 43.8786, 50.1753
YIQ	173.5030, -17.8340, -7.1940

Conversions

Conversions Part 2

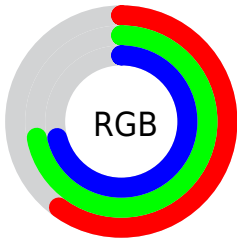
Format	Color
R_{YB}	152, 168, 183
Decimal	10008501
CIE Lab	72.15, -10.86, -2.50
CIE LCh	72, 11.145, 192.974
Yxy	43.8786, 0.2890, 0.3317
Android (android.graphics.Color)	4288198581 (0xFF98B7B5)
YUV	173.5030, 3.6960, -18.8581
Hunter-Lab	66.2409, -12.9027, 1.4584

Details

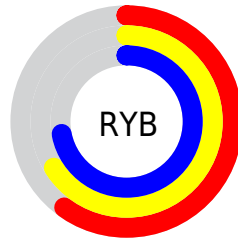
The Yxy color **43.8786, 0.2890, 0.3317** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.8726, 0.3425, 0.3263**, and the grayscale version is **42.0523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1128, 0.2934, 0.3311**, and **20.2331, 0.2819, 0.3328** is the 20% darker color. If you saturate the color by 10%, you get **42.2002, 0.2762, 0.3335**, and if you desaturate by 10%, it is **45.8335, 0.3028, 0.3301**.

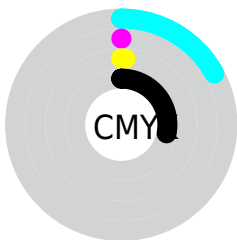
Distribution



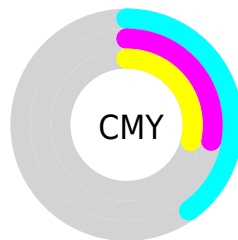
- Red (60%)
- Green (72%)
- Blue (71%)



- Red (60%)
- Yellow (66%)
- Blue (72%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (28%)



- Cyan (40%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8786, 0.2890, 0.3317 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 43.8786, 0.2890, 0.3317 by changing the saturation by 10% instead.

■ 43.8786, 0.2890,
0.3317

■ 43.8786, 0.2890,
0.3317

362.2126, 0.3009,
0.3304

■ 30.5751, 0.2860,
0.3320

■ 81.0350, 0.2933,
0.3313

■ 20.2755, 0.2821,
0.3324

■ 105.6567, 0.2950,
0.3311

■ 12.5955, 0.2770,
0.3328

134.8200, 0.2964,
0.3309

■ 7.1506, 0.2697,
0.3334

168.9091, 0.2975,
0.3308

■ 3.5565, 0.2588,
0.3342

208.3085, 0.2985,
0.3307

■ 1.4287, 0.2405,
0.3352

253.4027, 0.2994,

■ 0.2377, 0.0000,

0.3306

0.3540

304.5759, 0.3002,
0.3305

0.0000, 0.0000,
0.0000

43.8786, 0.2890,
0.3317

43.8786, 0.2890,
0.3317

42.2002, 0.2762,
0.3335

45.8335, 0.3028,
0.3301

40.7803, 0.2645,
0.3354

48.0711, 0.3172,
0.3286

39.6075, 0.2544,
0.3374

50.6042, 0.3321,
0.3272

38.6670, 0.2459,
0.3395

53.4431, 0.3470,
0.3260

37.9427, 0.2393,
0.3416

56.5977, 0.3619,
0.3249

■ 37.4165, 0.2346,
0.3437

■ 58.7564, 0.3707,
0.3239

■ 37.0670, 0.2317,
0.3458

■ 58.8072, 0.3697,
0.3227

■ 36.8647, 0.2304,
0.3479

■ 58.8584, 0.3687,
0.3214

■ 36.8144, 0.2302,
0.3486

■ 58.9100, 0.3677,
0.3202

Harmonies

Analogous

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



43.8786, 0.3017, 0.3457



43.8786, 0.2890, 0.3317



43.8786, 0.2826, 0.3174

Triad

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



43.8786, 0.2890, 0.3317



43.8786, 0.3073, 0.3047



43.8786, 0.3421, 0.3508

Complementary

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



43.8786, 0.2890, 0.3317



34.8726, 0.3425, 0.3263

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.



43.8786, 0.3438, 0.3394



43.8786, 0.2890, 0.3317



43.8786, 0.3234, 0.3132

Square

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



43.8786, 0.2890, 0.3317



43.8786, 0.2930, 0.3022



43.8786, 0.3369, 0.3257



43.8786, 0.3324, 0.3567

Rectangle

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



43.8786, 0.2890, 0.3317



43.8786, 0.2827, 0.3097



43.8786, 0.3369, 0.3257



43.8786, 0.3436, 0.3475

Sweetspot

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



43.8804, 0.2890, 0.3317



82.7887, 0.3054, 0.3298



43.0133, 0.3123, 0.3737



18.2263, 0.3044, 0.3299



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.8804, 0.2890, 0.3317



77.5134, 0.2845, 0.3323



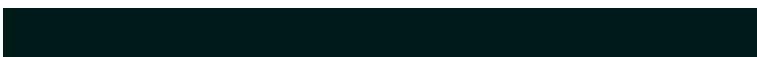
38.6920, 0.2867, 0.3099



10.2004, 0.2994, 0.3304



25.6887, 0.2301, 0.3483



0.9086, 0.2286, 0.3429

Inverse Universe

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



34.8726, 0.3425, 0.3263



58.5755, 0.3500, 0.3258



39.4104, 0.3415, 0.3474



9.0213, 0.3278, 0.3276



7.0449, 0.6318, 0.3254



0.2515, 0.6007, 0.3083

Previews

White Background



This preview shows how the Yxy color 43.8786, 0.2890, 0.3317 looks on a white background.

Color Contrast Check

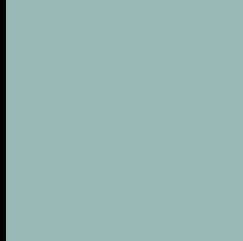
Large Text (above 18pt) WCAG AA × Fail

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 43.8786, 0.2890, 0.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

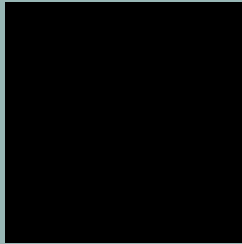
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

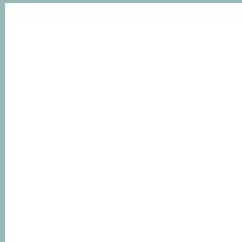
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8786, 0.2890, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 43.8786, 0.2890, 0.3317.

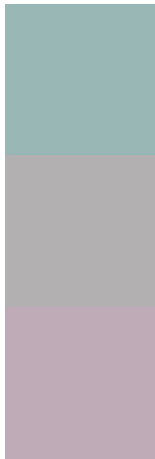


This preview shows how white text looks on a background with the Yxy color 43.8786, 0.2890, 0.3317.

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

43.8786, 0.2890, 0.3317

Protanopia

43.8087, 0.3145, 0.3277

Deuteranopia

43.4919, 0.3197, 0.3136



Tritanopia

43.9564, 0.2812, 0.3099

Trichromacy



Original Color

43.8786, 0.2890, 0.3317

Protanomaly

43.8896, 0.3050, 0.3303

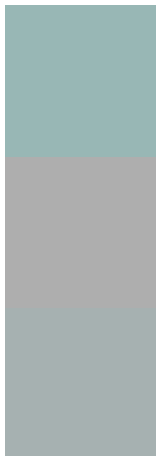
Deuteranomaly

43.2674, 0.3079, 0.3197

Tritanomaly

44.0436, 0.2840, 0.3179

Monochromacy



Original Color

43.8786, 0.2890, 0.3317

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.7256, 0.3032, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8786, 0.2890, 0.3317 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, 183, 181)` looks like.

```
.text, #text, p{  
    color:rgb(152, 183, 181)  
}
```

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, 183, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 183, 181) }
```

Border

The CSS property to change the border of an element to Yxy 43.8786, 0.2890, 0.3317 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, 183, 181) }
```

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

```
.border{ border-color:rgb(152, 183, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 183, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 183, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 183, 181);  
box-shadow:4px 4px 4px 4px rgb(152, 183,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8786, 0.2890, 0.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 183, 181) }
```

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

```
.background{ background-color: rgb(152,  
183, 181) }
```

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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