

Converting Colors

$Yxy(43.7766, 0.2948, 0.3341)$

Have a look what the booklet for
Yxy(43.7766, 0.2948, 0.3341)
contains.

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Color

Yxy(43.8383, 0.2951, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	9DB6B2
RGB	157, 182, 178
RGB Percent	62%, 71%, 70%
CMY	0.3841, 0.2863, 0.3020
CMYK	0.14, 0.00, 0.02, 0.29
HSL	170°, 15%, 66%
HSV	170°, 14%, 71%
XYZ	38.6747, 43.8383, 48.5432
YIQ	174.0690, -13.6160, -6.5440

Conversions

Conversions Part 2

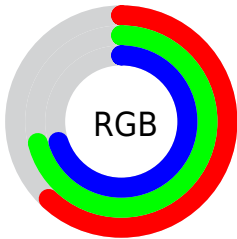
Format	Color
RYB	157, 171, 182
Decimal	10335922
CIELab	72.12, -9.32, -0.86
CIELCh	72, 9.358, 185.244
Yxy	43.8383, 0.2951, 0.3345
Android (android.graphics.Color)	4288526002 (0xFF9DB6B2)
YUV	174.0690, 1.9380, -14.9695
Hunter-Lab	66.2105, -11.6035, 2.8780

Details

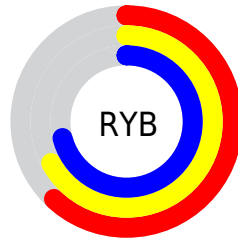
The Yxy color **43.8383, 0.2951, 0.3345** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.6476, 0.3337, 0.3236**, and the grayscale version is **42.3644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0866, 0.2983, 0.3332**, and **20.1844, 0.2899, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **42.0275, 0.2830, 0.3390**, and if you desaturate by 10%, it is **45.9280, 0.3079, 0.3304**.

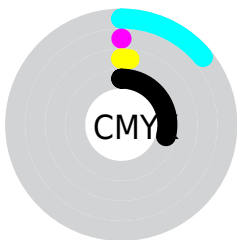
Distribution



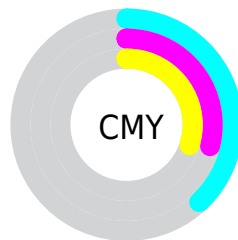
- Red (62%)
- Green (71%)
- Blue (70%)



- Red (62%)
- Yellow (67%)
- Blue (71%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)





- Cyan (38%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8383, 0.2951, 0.3345 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 43.8383, 0.2951, 0.3345 by changing the saturation by 10% instead.


 43.8383, 0.2951,
0.3345

 43.8383, 0.2951,
0.3345


362.0480, 0.3040,
0.3318

 30.5434, 0.2929,
0.3352


 80.9744, 0.2983,
0.3335

 20.2514, 0.2900,
0.3361


 105.5843, 0.2996,
0.3331

 12.5779, 0.2861,
0.3372


134.7348, 0.3006,
0.3328

 7.1386, 0.2806,
0.3389

168.8101, 0.3015,
0.3325

 3.5489, 0.2723,
0.3413

208.1947, 0.3022,
0.3323

 1.4246, 0.2582,
0.3454

253.2729, 0.3029,

 0.2347, 0.0000,

0.3321

0.4267

304.4293, 0.3035,
0.3319

0.0000, 0.0000,
0.0000

43.8383, 0.2951,
0.3345

43.8383, 0.2951,
0.3345

42.0275, 0.2830,
0.3390

45.9280, 0.3079,
0.3304

40.4780, 0.2720,
0.3438

48.3022, 0.3211,
0.3267

39.1787, 0.2622,
0.3489

50.9736, 0.3345,
0.3234

38.1157, 0.2539,
0.3542

53.9522, 0.3479,
0.3205

37.2734, 0.2474,
0.3598

57.2477, 0.3611,
0.3179

■ 36.6346, 0.2427,
0.3654

■ 58.6746, 0.3645,
0.3151

■ 36.1796, 0.2399,
0.3711

■ 58.8080, 0.3620,
0.3121

■ 35.8843, 0.2390,
0.3767

■ 58.9440, 0.3594,
0.3091

■ 35.7491, 0.2390,
0.3802

■ 59.0826, 0.3569,
0.3061

Harmonies

Analogous

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



43.8383, 0.3068, 0.3454



43.8383, 0.2951, 0.3345



43.8383, 0.2882, 0.3222

Triad

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



43.8383, 0.2951, 0.3345



43.8383, 0.3048, 0.3074



43.8383, 0.3384, 0.3453

Complementary

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



43.8383, 0.2951, 0.3345



36.6476, 0.3337, 0.3236

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.



43.8383, 0.3379, 0.3349



43.8383, 0.2951, 0.3345



43.8383, 0.3183, 0.3134

Square

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



43.8383, 0.2951, 0.3345



43.8383, 0.2937, 0.3069



43.8383, 0.3305, 0.3233



43.8383, 0.3319, 0.3515

Rectangle

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



43.8383, 0.2951, 0.3345



43.8383, 0.2870, 0.3151



43.8383, 0.3305, 0.3233



43.8383, 0.3391, 0.3421

Sweetspot

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



43.8401, 0.2951, 0.3345



83.1291, 0.3074, 0.3306



43.4871, 0.3146, 0.3643



18.2940, 0.3064, 0.3309



93.3107, 0.3127, 0.3290



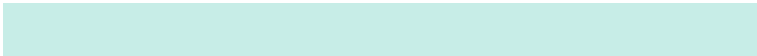
18.7317, 0.3127, 0.3290

Same Dimension

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



43.8401, 0.2951, 0.3345



78.5996, 0.2919, 0.3356



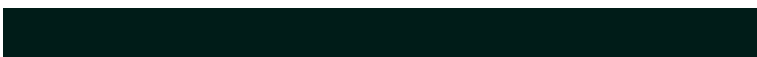
40.6971, 0.2918, 0.3173



10.1853, 0.3006, 0.3327



25.2559, 0.2388, 0.3796



0.8970, 0.2348, 0.3651

Inverse Universe

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



36.6476, 0.3337, 0.3236



63.3932, 0.3383, 0.3225



39.4206, 0.3359, 0.3404



9.0350, 0.3263, 0.3254



7.0928, 0.6147, 0.3160



0.2574, 0.5522, 0.2816

Previews

White Background



This preview shows how the Yxy color 43.8383, 0.2951, 0.3345 looks on a white background.

Color Contrast Check

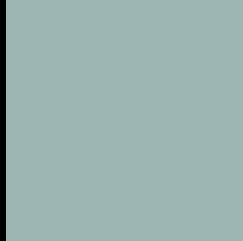
Large Text (above 18pt) WCAG AA × Fail

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 43.8383, 0.2951, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

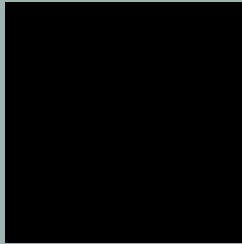
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

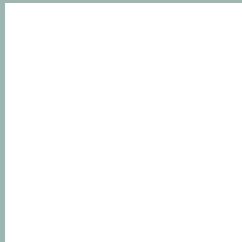
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8383, 0.2951, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 43.8383, 0.2951, 0.3345.

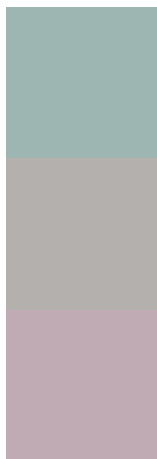


This preview shows how white text looks on a background with the Yxy color 43.8383, 0.2951, 0.3345.

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

43.8383, 0.2951, 0.3345

Protanopia

43.8100, 0.3179, 0.3317

Deuteranopia

43.6276, 0.3241, 0.3175



Tritanopia

44.0111, 0.2857, 0.3100

Trichromacy



Original Color

43.8383, 0.2951, 0.3345

Protanomaly

43.7066, 0.3099, 0.3331

Deuteranomaly

43.4983, 0.3130, 0.3237

Tritanomaly

44.0495, 0.2893, 0.3194

Monochromacy



Original Color

43.8383, 0.2951, 0.3345

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.8643, 0.3065, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8383, 0.2951, 0.3345 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(157, 182, 178)` looks like.

```
.text, #text, p{  
    color:rgb(157, 182, 178)  
}
```

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(157, 182, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 182, 178) }
```

Border

The CSS property to change the border of an element to Yxy 43.8383, 0.2951, 0.3345 is called "border". The border property can be set on classes, ids or directly on the HTML element.

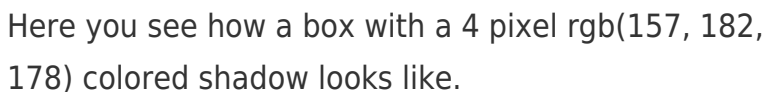
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 182, 178) }
```

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

```
.border{ border-color:rgb(157, 182, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 182, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 182, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 182, 178); box-shadow:4px 4px 4px 4px rgb(157, 182, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8383, 0.2951, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 182, 178) }
```

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

```
.background{ background-color: rgb(157,  
182, 178) }
```

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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