

Converting Colors

$Y_{xy}(42.2930, 0.2880, 0.3247)$

Have a look what the booklet for
Yxy(42.2930, 0.2880, 0.3247)
contains.

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Color

Yxy(42.2930, 0.2880, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	98B3B6
RGB	152, 179, 182
RGB Percent	60%, 70%, 71%
CMY	0.4039, 0.2980, 0.2862
CMYK	0.16, 0.02, 0.00, 0.29
HSL	186°, 17%, 65%
HSV	186°, 16%, 71%
XYZ	37.5127, 42.2930, 50.4468
YIQ	171.2690, -17.0550, -4.7910

Conversions

Conversions Part 2

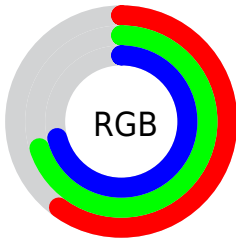
Format	Color
RYB	152, 166, 182
Decimal	10007478
CIELab	71.07, -8.55, -4.63
CIELCh	71, 9.726, 208.452
Yxy	42.2930, 0.2880, 0.3247
Android (android.graphics.Color)	4288197558 (0xFF98B3B6)
YUV	171.2690, 5.2904, -16.8989
Hunter-Lab	65.0331, -10.8445, -0.4687

Details

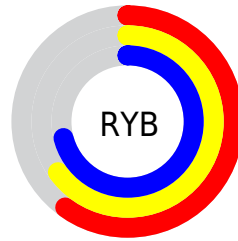
The Yxy color **42.2930, 0.2880, 0.3247** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.6574, 0.3428, 0.3333**, and the grayscale version is **40.8471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.8551, 0.2927, 0.3257**, and **19.2734, 0.2814, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **39.9452, 0.2739, 0.3218**, and if you desaturate by 10%, it is **44.9234, 0.3028, 0.3274**.

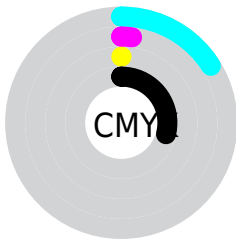
Distribution



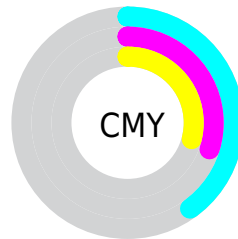
- Red (60%)
- Green (70%)
- Blue (71%)



- Red (60%)
- Yellow (65%)
- Blue (71%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)





- Cyan (40%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2930, 0.2880, 0.3247 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 42.2930, 0.2880, 0.3247 by changing the saturation by 10% instead.


 42.2930, 0.2880,
0.3247


 42.2930, 0.2880,
0.3247


355.6961, 0.3005,
0.3270

 29.3308, 0.2848,
0.3241


 78.6429, 0.2926,
0.3256

 19.3312, 0.2808,
0.3232


 102.7993, 0.2943,
0.3259

 11.9098, 0.2753,
0.3221


131.4560, 0.2957,
0.3262

 6.6823, 0.2676,
0.3204

164.9972, 0.2969,
0.3264

 3.2642, 0.2559,
0.3176

203.8075, 0.2980,
0.3266

 1.2712, 0.2362,
0.3122

248.2711, 0.2989,

 0.1187, 0.0000,

0.3267

0.2076

298.7725, 0.2998,
0.3269

0.0000, 0.0000,
0.0000

42.2930, 0.2880,
0.3247

42.2930, 0.2880,
0.3247

39.9452, 0.2739,
0.3218

44.9234, 0.3028,
0.3274

37.8625, 0.2609,
0.3187

47.8428, 0.3181,
0.3298

36.0335, 0.2492,
0.3155

51.0637, 0.3336,
0.3321

34.4438, 0.2391,
0.3121

54.5963, 0.3491,
0.3340

33.0773, 0.2307,
0.3087

58.4504, 0.3643,
0.3358

■ 31.9163, 0.2243,
0.3053

■ 61.4397, 0.3740,
0.3375

■ 30.9399, 0.2197,
0.3018

■ 62.2340, 0.3734,
0.3394

■ 30.1202, 0.2168,
0.2985

■ 63.0384, 0.3729,
0.3413

■ 29.8497, 0.2159,
0.2973

■ 63.8526, 0.3724,
0.3431

Harmonies

Analogous

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



42.2930, 0.2966, 0.3377



42.2930, 0.2880, 0.3247



42.2930, 0.2858, 0.3133

Triad

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



42.2930, 0.2880, 0.3247



42.2930, 0.3153, 0.3107



42.2930, 0.3350, 0.3517

Complementary

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



42.2930, 0.2880, 0.3247



35.6574, 0.3428, 0.3333

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.



42.2930, 0.3403, 0.3439



42.2930, 0.2880, 0.3247



42.2930, 0.3288, 0.3204

Square

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



42.2930, 0.2880, 0.3247



42.2930, 0.3014, 0.3056



42.2930, 0.3381, 0.3324



42.2930, 0.3237, 0.3535

Rectangle

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



42.2930, 0.2880, 0.3247



42.2930, 0.2883, 0.3081



42.2930, 0.3381, 0.3324



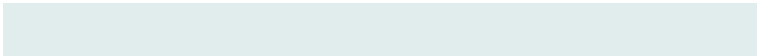
42.2930, 0.3376, 0.3497

Sweetspot

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



42.2947, 0.2880, 0.3247



82.1470, 0.3050, 0.3277



42.5017, 0.3084, 0.3682



18.0651, 0.3039, 0.3276



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.



42.2947, 0.2880, 0.3247



74.9726, 0.2825, 0.3236



36.6050, 0.2871, 0.3031



10.0527, 0.2985, 0.3266



21.1324, 0.2160, 0.2977



0.7897, 0.2185, 0.3064

Inverse Universe

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



35.6571, 0.3174, 0.2927



60.5850, 0.3186, 0.2841



40.9646, 0.3396, 0.3536



9.1468, 0.3152, 0.3087



8.9157, 0.3475, 0.1688



0.3188, 0.3398, 0.1646

Previews

White Background



This preview shows how the Yxy color 42.2930, 0.2880, 0.3247 looks on a white background.

Color Contrast Check

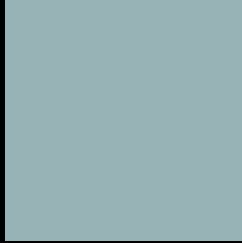
Large Text (above 18pt) WCAG AA × Fail

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 42.2930, 0.2880, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

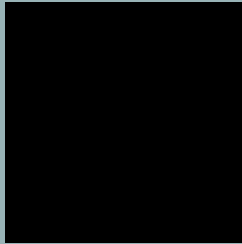
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

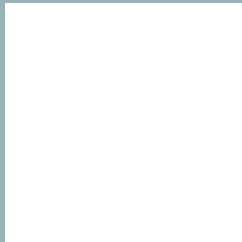
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.2930, 0.2880, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 42.2930, 0.2880, 0.3247.

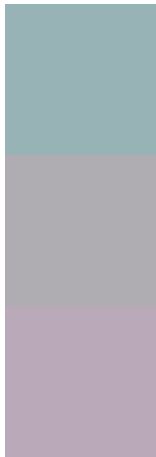


This preview shows how white text looks on a background with the Yxy color 42.2930, 0.2880, 0.3247.

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

42.2930, 0.2880, 0.3247

Protanopia

42.2155, 0.3104, 0.3223

Deuteranopia

42.2757, 0.3154, 0.3095



Tritanopia

42.1201, 0.2822, 0.3082

Trichromacy



Original Color

42.2930, 0.2880, 0.3247

Protanomaly

42.1301, 0.3026, 0.3235

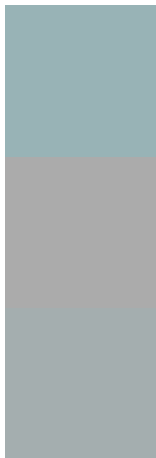
Deuteranomaly

42.3047, 0.3054, 0.3156

Tritanomaly

42.2439, 0.2844, 0.3150

Monochromacy



Original Color

42.2930, 0.2880, 0.3247

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.2598, 0.3032, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2930, 0.2880, 0.3247 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, 179, 182)` looks like.

```
.text, #text, p{  
    color:rgb(152, 179, 182)  
}
```

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, 179, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 179, 182) }
```

Border

The CSS property to change the border of an element to Yxy 42.2930, 0.2880, 0.3247 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, 179, 182) }
```

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

```
.border{ border-color:rgb(152, 179, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 179, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 179, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 179, 182);  
box-shadow:4px 4px 4px 4px rgb(152, 179,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2930, 0.2880, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 179, 182) }
```

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

```
.background{ background-color: rgb(152,  
179, 182) }
```

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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