

Converting Colors

$Yxy(43.9151, 0.2855, 0.3245)$

Have a look what the booklet for
Yxy(43.9151, 0.2855, 0.3245)
contains.

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Color

Yxy(44.0875, 0.2854, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	98B7BA
RGB	152, 183, 186
RGB Percent	60%, 72%, 73%
CMY	0.4040, 0.2823, 0.2707
CMYK	0.18, 0.02, 0.00, 0.27
HSL	185°, 20%, 66%
HSV	185°, 18%, 73%
XYZ	38.7394, 44.0875, 52.9104
YIQ	174.0730, -19.4390, -5.6390

Conversions

Conversions Part 2

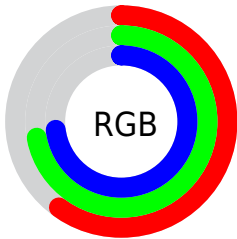
Format	Color
RYB	152, 168, 186
Decimal	10008506
CIELab	72.29, -9.83, -5.02
CIELCh	72, 11.038, 207.046
Yxy	44.0875, 0.2854, 0.3248
Android (android.graphics.Color)	4288198586 (0xFF98B7BA)
YUV	174.0730, 5.8800, -19.3580
Hunter-Lab	66.3984, -12.0533, -0.7671

Details

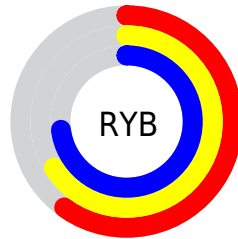
The Yxy color **44.0875, 0.2854, 0.3248** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.1255, 0.3470, 0.3332**, and the grayscale version is **42.3414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4092, 0.2906, 0.3257**, and **20.3680, 0.2772, 0.3231** is the 20% darker color. If you saturate the color by 10%, you get **41.7680, 0.2715, 0.3222**, and if you desaturate by 10%, it is **46.6997, 0.3001, 0.3272**.

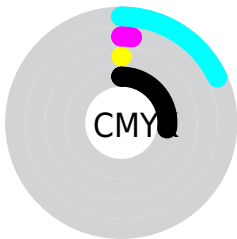
Distribution



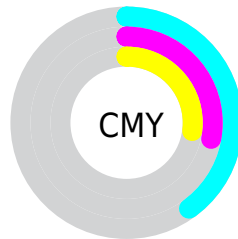
- Red (60%)
- Green (72%)
- Blue (73%)



- Red (60%)
- Yellow (66%)
- Blue (73%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (40%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0875, 0.2854, 0.3248 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 44.0875, 0.2854, 0.3248 by changing the saturation by 10% instead.

■ 44.0875, 0.2854,
0.3248

■ 44.0875, 0.2854,
0.3248

■ 363.0652, 0.2991,
0.3271

■ 30.7393, 0.2820,
0.3242

■ 81.3494, 0.2904,
0.3257

■ 20.4004, 0.2776,
0.3234

■ 106.0319, 0.2922,
0.3260

■ 12.6864, 0.2717,
0.3222

■ 135.2613, 0.2938,
0.3262

■ 7.2130, 0.2635,
0.3205

■ 169.4219, 0.2952,
0.3264

■ 3.5957, 0.2512,
0.3178

■ 208.8982, 0.2964,
0.3266

■ 1.4501, 0.2309,
0.3126

■ 254.0746, 0.2974,

■ 0.2532, 0.0007,

0.3268

0.2876

305.3355, 0.2983,
0.3269

0.0000, 0.0000,
0.0000

44.0875, 0.2854,
0.3248

44.0875, 0.2854,
0.3248

41.7680, 0.2715,
0.3222

46.6997, 0.3001,
0.3272

39.7226, 0.2588,
0.3195

49.6115, 0.3154,
0.3294

37.9391, 0.2475,
0.3167

52.8360, 0.3309,
0.3313

36.4020, 0.2379,
0.3138

56.3844, 0.3465,
0.3331

35.0942, 0.2300,
0.3108

60.2669, 0.3619,
0.3347

■ 33.9964, 0.2241,
0.3078

■ 62.8334, 0.3698,
0.3362

■ 33.0858, 0.2200,
0.3049

■ 63.5537, 0.3694,
0.3379

■ 32.3258, 0.2175,
0.3019

■ 64.2818, 0.3690,
0.3396

■ 32.2010, 0.2171,
0.3014

■ 65.0178, 0.3685,
0.3413

Harmonies

Analogous

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



44.0875, 0.2953, 0.3393



44.0875, 0.2854, 0.3248



44.0875, 0.2826, 0.3119

Triad

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



44.0875, 0.2854, 0.3248



44.0875, 0.3149, 0.3082



44.0875, 0.3381, 0.3541

Complementary

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



44.0875, 0.2854, 0.3248



36.1255, 0.3470, 0.3332

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.



44.0875, 0.3437, 0.3451



44.0875, 0.2854, 0.3248



44.0875, 0.3301, 0.3188

Square

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



44.0875, 0.2854, 0.3248



44.0875, 0.2994, 0.3028



44.0875, 0.3408, 0.3321



44.0875, 0.3257, 0.3566

Rectangle

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



44.0875, 0.2854, 0.3248



44.0875, 0.2852, 0.3060



44.0875, 0.3408, 0.3321



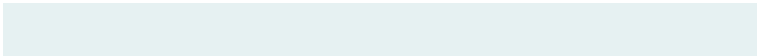
44.0875, 0.3409, 0.3517

Sweetspot

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



44.0893, 0.2854, 0.3248



86.2966, 0.3049, 0.3279



44.1422, 0.3083, 0.3739



18.9237, 0.3039, 0.3277



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.



44.0893, 0.2854, 0.3248



78.1552, 0.2796, 0.3238



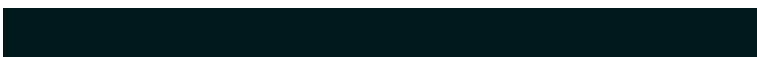
37.5414, 0.2841, 0.3007



10.0730, 0.2985, 0.3269



21.7244, 0.2172, 0.3018



0.8054, 0.2193, 0.3094

Inverse Universe

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



36.3037, 0.3175, 0.2881



61.4469, 0.3187, 0.2787



42.1356, 0.3430, 0.3557



9.1489, 0.3151, 0.3084



8.9754, 0.3438, 0.1668



0.3204, 0.3373, 0.1632

Previews

White Background



This preview shows how the Yxy color 44.0875, 0.2854, 0.3248 looks on a white background.

Color Contrast Check

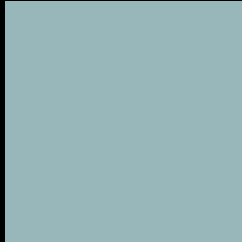
Large Text (above 18pt) WCAG AA × Fail

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 44.0875, 0.2854, 0.3248 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 44.0875, 0.2854, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 44.0875, 0.2854, 0.3248.



This preview shows how white text looks on a background with the Yxy color 44.0875, 0.2854, 0.3248.

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

44.0875, 0.2854, 0.3248

Protanopia

44.0118, 0.3105, 0.3211

Deuteranopia

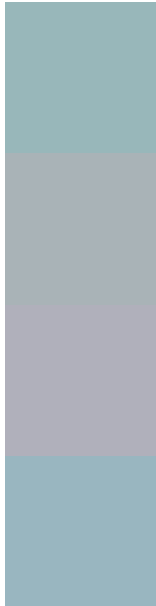
43.9547, 0.3146, 0.3085



Tritanopia

43.9033, 0.2798, 0.3085

Trichromacy



Original Color

44.0875, 0.2854, 0.3248

Protanomaly

44.0941, 0.3011, 0.3236

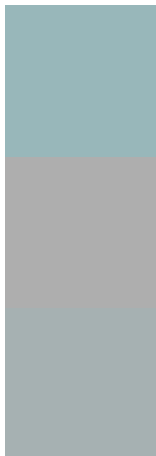
Deuteranomaly

43.8686, 0.3039, 0.3144

Tritanomaly

44.0340, 0.2819, 0.3152

Monochromacy



Original Color

44.0875, 0.2854, 0.3248

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.7656, 0.3025, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0875, 0.2854, 0.3248 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(152, 183, 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, 183, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 183, 186) }
```

Border

The CSS property to change the border of an element to Yxy 44.0875, 0.2854, 0.3248 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, 186) }
```

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

```
.border{ border-color:rgb(152, 183, 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, 183, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 183, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 183, 186);  
box-shadow:4px 4px 4px 4px rgb(152, 183,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0875, 0.2854, 0.3248 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, 186) }
```

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

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