

Converting Colors

$Y_{xy}(44.7952, 0.2900, 0.3407)$

Have a look what the booklet for
Yxy(44.7952, 0.2900, 0.3407)
contains.

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Color

Yxy(44.8162, 0.2897, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	96BAB2
RGB	150, 186, 178
RGB Percent	59%, 73%, 70%
CMY	0.4120, 0.2705, 0.3020
CMYK	0.19, 0.00, 0.04, 0.27
HSL	167°, 21%, 66%
HSV	167°, 19%, 73%
XYZ	38.1636, 44.8162, 48.7551
YIQ	174.3240, -18.8880, -10.1200

Conversions

Conversions Part 2

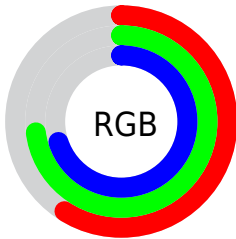
Format	Color
RYB	150, 170, 186
Decimal	9878194
CIELab	72.77, -13.76, 0.04
CIELCh	73, 13.762, 179.816
Yxy	44.8162, 0.2897, 0.3402
Android (android.graphics.Color)	4288068274 (0xFF96BAB2)
YUV	174.3240, 1.8123, -21.3321
Hunter-Lab	66.9449, -15.3953, 3.6813

Details

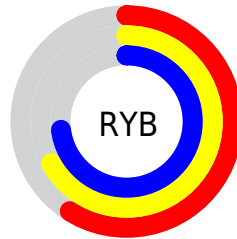
The Yxy color **44.8162, 0.2897, 0.3402** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.7025, 0.3421, 0.3181**, and the grayscale version is **42.4957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4239, 0.2940, 0.3376**, and **20.8524, 0.2831, 0.3447** is the 20% darker color. If you saturate the color by 10%, you get **43.0284, 0.2789, 0.3468**, and if you desaturate by 10%, it is **46.8929, 0.3013, 0.3342**.

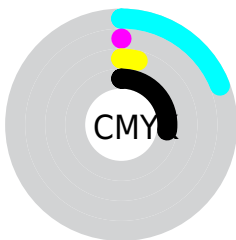
Distribution



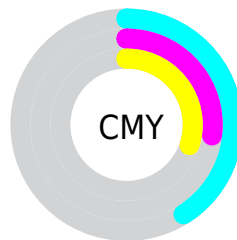
- Red (59%)
- Green (73%)
- Blue (70%)



- Red (59%)
- Yellow (67%)
- Blue (73%)



- Cyan (19%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)





- Cyan (41%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8162, 0.2897, 0.3402 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 44.8162, 0.2897, 0.3402 by changing the saturation by 10% instead.


 44.8162, 0.2897,
0.3402


 44.8162, 0.2897,
0.3402

366.0287, 0.3013,
0.3346

 31.3127, 0.2868,
0.3416


 82.4445, 0.2939,
0.3382

 20.8371, 0.2830,
0.3434

 107.3381, 0.2955,
0.3374

 13.0050, 0.2780,
0.3459


136.7972, 0.2968,
0.3367

 7.4320, 0.2710,
0.3493

171.2062, 0.2980,
0.3362

 3.7337, 0.2603,
0.3545

210.9494, 0.2990,
0.3357

 1.5257, 0.2425,
0.3631

256.4113, 0.2998,

 0.3067, 0.0000,

0.3353

0.4811

307.9762, 0.3006,
0.3349

0.0000, 0.0000,
0.0000

44.8162, 0.2897,
0.3402

44.8162, 0.2897,
0.3402

43.0284, 0.2789,
0.3468

46.8929, 0.3013,
0.3342

41.5105, 0.2691,
0.3538

49.2651, 0.3135,
0.3287

40.2503, 0.2607,
0.3613

51.9465, 0.3259,
0.3238

39.2320, 0.2538,
0.3691

54.9479, 0.3383,
0.3194

38.4383, 0.2488,
0.3772

58.2799, 0.3507,
0.3155

■ 37.8495, 0.2457,
0.3853

■ 60.6886, 0.3573,
0.3117

■ 37.4425, 0.2446,
0.3934

■ 60.8882, 0.3538,
0.3075

■ 37.1740, 0.2450,
0.4015

■ 61.0932, 0.3504,
0.3033

■ 37.1591, 0.2450,
0.4020

■ 61.3035, 0.3469,
0.2991

Harmonies

Analogous

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



44.8162, 0.3074, 0.3556



44.8162, 0.2897, 0.3402



44.8162, 0.2783, 0.3220

Triad

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



44.8162, 0.2897, 0.3402



44.8162, 0.2978, 0.2970



44.8162, 0.3510, 0.3500

Complementary

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



44.8162, 0.2897, 0.3402



34.7025, 0.3421, 0.3181

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.



44.8162, 0.3484, 0.3343



44.8162, 0.2897, 0.3402



44.8162, 0.3172, 0.3044

Square

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



44.8162, 0.2897, 0.3402



44.8162, 0.2828, 0.2976



44.8162, 0.3358, 0.3178



44.8162, 0.3431, 0.3608

Rectangle

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



44.8162, 0.2897, 0.3402



44.8162, 0.2755, 0.3111



44.8162, 0.3358, 0.3178



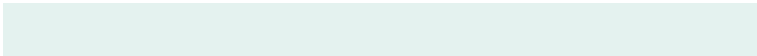
44.8162, 0.3514, 0.3451

Sweetspot

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



44.8181, 0.2897, 0.3402



86.3336, 0.3053, 0.3323



44.6311, 0.3173, 0.3803



18.9518, 0.3045, 0.3327



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.



44.8181, 0.2897, 0.3402



79.8644, 0.2853, 0.3428



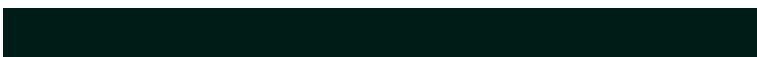
41.2311, 0.2833, 0.3154



10.1755, 0.3014, 0.3341



25.0056, 0.2447, 0.4010



0.8901, 0.2389, 0.3801

Inverse Universe

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



34.7025, 0.3421, 0.3181



58.3841, 0.3498, 0.3158



37.6312, 0.3479, 0.3422



9.0441, 0.3254, 0.3239



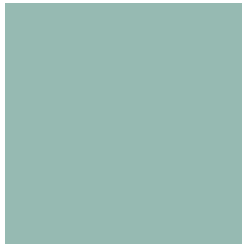
7.1421, 0.5983, 0.3070



0.2613, 0.5259, 0.2671

Previews

White Background



This preview shows how the Yxy color 44.8162, 0.2897, 0.3402 looks on a white background.

Color Contrast Check

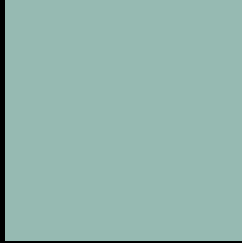
Large Text (above 18pt) WCAG AA × Fail

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 44.8162, 0.2897, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

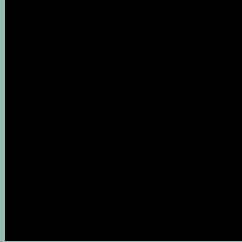
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8162, 0.2897, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 44.8162, 0.2897, 0.3402.



This preview shows how white text looks on a background with the Yxy color 44.8162, 0.2897, 0.3402.

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

44.8162, 0.2897, 0.3402

Protanopia

44.4065, 0.3204, 0.3343

Deuteranopia

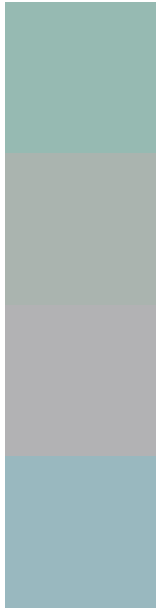
44.6927, 0.3248, 0.3189



Tritanopia

44.8142, 0.2786, 0.3086

Trichromacy



Original Color

44.8162, 0.2897, 0.3402

Protanomaly

44.2837, 0.3081, 0.3358

Deuteranomaly

44.6011, 0.3111, 0.3263

Tritanomaly

44.8149, 0.2827, 0.3193

Monochromacy



Original Color

44.8162, 0.2897, 0.3402

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.9353, 0.3039, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8162, 0.2897, 0.3402 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(150, 186, 178)` looks like.

```
.text, #text, p{  
    color:rgb(150, 186, 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(150, 186, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 186, 178) }
```

Border

The CSS property to change the border of an element to Yxy 44.8162, 0.2897, 0.3402 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(150, 186, 178) }
```

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

```
.border{ border-color:rgb(150, 186, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 186, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 186, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 186, 178);  
box-shadow:4px 4px 4px 4px rgb(150, 186,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8162, 0.2897, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 186, 178) }
```

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

```
.background{ background-color: rgb(150,  
186, 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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