

Converting Colors

$Y_{xy}(44.0773, 0.2925, 0.3430)$

Have a look what the booklet for
Yxy(44.0773, 0.2925, 0.3430)
contains.

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Color

Yxy(43.8602, 0.2918, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	96B8AF
RGB	150, 184, 175
RGB Percent	59%, 72%, 69%
CMY	0.4118, 0.2784, 0.3138
CMYK	0.18, 0.00, 0.05, 0.28
HSL	164°, 19%, 65%
HSV	164°, 18%, 72%
XYZ	37.4551, 43.8602, 47.0435
YIQ	172.8080, -17.3750, -10.0070

Conversions

Conversions Part 2

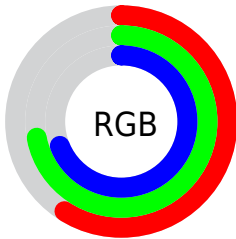
Format	Color
RYB	150, 170, 184
Decimal	9877679
CIELab	72.13, -13.32, 0.76
CIELCh	72, 13.340, 176.735
Yxy	43.8602, 0.2918, 0.3417
Android (android.graphics.Color)	4288067759 (0xFF96B8AF)
YUV	172.8080, 1.0807, -20.0026
Hunter-Lab	66.2270, -14.9456, 4.2431

Details

The Yxy color $43.8602, 0.2918, 0.3417$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $34.5078, 0.3390, 0.3167$, and the grayscale version is $41.6879, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.0125, 0.2962, 0.3398$, and $20.3153, 0.2857, 0.3448$ is the 20% darker color. If you saturate the color by 10%, you get $42.0630, 0.2814, 0.3495$, and if you desaturate by 10%, it is $45.9420, 0.3029, 0.3345$.

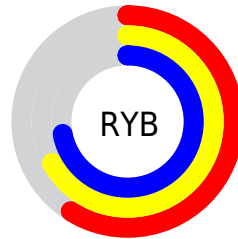
Distribution



Red (59%)

Green (72%)

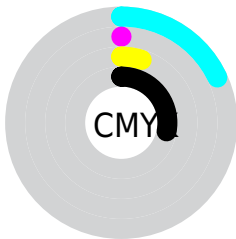
Blue (69%)



Red (59%)

Yellow (67%)

Blue (72%)

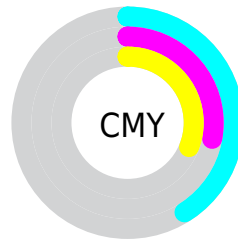


Cyan (18%)

Magenta (0%)

Yellow (5%)

Black (28%)



Cyan (41%)


Magenta (28%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8602, 0.2918, 0.3417 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 43.8602, 0.2918, 0.3417 by changing the saturation by 10% instead.

 43.8602, 0.2918,
0.3417

 43.8602, 0.2918,
0.3417


362.1375, 0.3024,
0.3353

 30.5606, 0.2891,
0.3433


 81.0073, 0.2957,
0.3393

 20.2645, 0.2857,
0.3455


 105.6237, 0.2971,
0.3385

 12.5875, 0.2810,
0.3483


134.7811, 0.2983,
0.3377

 7.1451, 0.2745,
0.3523

168.8639, 0.2994,
0.3371

 3.5530, 0.2645,
0.3585

208.2566, 0.3003,
0.3365

 1.4268, 0.2475,
0.3692

253.3434, 0.3011,

 0.2364, 0.0000,

0.3361

0.5365

304.5090, 0.3018,
0.3356

■ 0.0000, 0.0000,
0.0000

■ 43.8602, 0.2918,
0.3417

■ 43.8602, 0.2918,
0.3417

■ 42.0630, 0.2814,
0.3495

■ 45.9420, 0.3029,
0.3345

■ 40.5323, 0.2719,
0.3580

■ 48.3151, 0.3145,
0.3281

■ 39.2558, 0.2637,
0.3669

■ 50.9924, 0.3263,
0.3222

■ 38.2187, 0.2571,
0.3763

■ 53.9848, 0.3380,
0.3171

■ 37.4040, 0.2523,
0.3861

■ 57.3023, 0.3497,
0.3125

■ 36.7929, 0.2493,
0.3960

■ 59.9152, 0.3565,
0.3082

■ 36.3631, 0.2483,
0.4058

■ 60.1534, 0.3524,
0.3032

■ 36.0777, 0.2491,
0.4156

■ 60.3990, 0.3483,
0.2983

■ 36.0387, 0.2492,
0.4171

■ 60.6520, 0.3442,
0.2934

Harmonies

Analogous

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



43.8602, 0.3095, 0.3561



43.8602, 0.2918, 0.3417



43.8602, 0.2798, 0.3240

Triad

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



43.8602, 0.2918, 0.3417



43.8602, 0.2963, 0.2975



43.8602, 0.3504, 0.3481

Complementary

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



43.8602, 0.2918, 0.3417



34.5078, 0.3390, 0.3167

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.



43.8602, 0.3467, 0.3325



43.8602, 0.2918, 0.3417



43.8602, 0.3151, 0.3039

Square

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



43.8602, 0.2918, 0.3417



43.8602, 0.2824, 0.2989



43.8602, 0.3336, 0.3165



43.8602, 0.3436, 0.3593

Rectangle

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



43.8602, 0.2918, 0.3417



43.8602, 0.2765, 0.3130



43.8602, 0.3336, 0.3165



43.8602, 0.3503, 0.3432

Sweetspot

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



43.8620, 0.2918, 0.3417



84.2520, 0.3057, 0.3329



43.8631, 0.3181, 0.3775



18.1055, 0.3049, 0.3334



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.



43.8620, 0.2918, 0.3417



78.1798, 0.2876, 0.3447



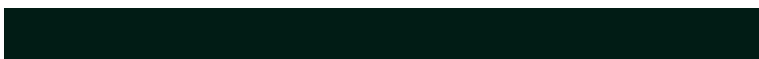
41.0235, 0.2848, 0.3177



10.1689, 0.3020, 0.3351



24.8482, 0.2489, 0.4159



0.8856, 0.2419, 0.3907

Inverse Universe

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



34.5078, 0.3390, 0.3167



58.2135, 0.3459, 0.3139



36.8247, 0.3462, 0.3400



9.0503, 0.3247, 0.3230



7.1849, 0.5850, 0.2996



0.2639, 0.5098, 0.2582

Previews

White Background



This preview shows how the Yxy color 43.8602, 0.2918, 0.3417 looks on a white background.

Color Contrast Check

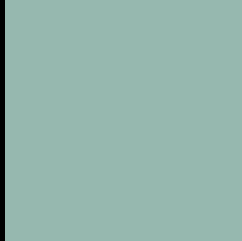
Large Text (above 18pt) WCAG AA × Fail

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 43.8602, 0.2918, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

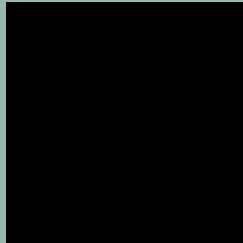
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8602, 0.2918, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 43.8602, 0.2918, 0.3417.



This preview shows how white text looks on a background with the Yxy color 43.8602, 0.2918, 0.3417.

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

43.8602, 0.2918, 0.3417

Protanopia

43.7767, 0.3221, 0.3370

Deuteranopia

43.6776, 0.3267, 0.3201



Tritanopia

43.8579, 0.2804, 0.3098

Trichromacy



Original Color

43.8602, 0.2918, 0.3417

Protanomaly

43.7648, 0.3105, 0.3386

Deuteranomaly

43.5721, 0.3128, 0.3277

Tritanomaly

43.8590, 0.2847, 0.3206

Monochromacy



Original Color

43.8602, 0.2918, 0.3417

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.4996, 0.3047, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8602, 0.2918, 0.3417 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, 184, 175)` looks like.

```
.text, #text, p{  
    color:rgb(150, 184, 175)  
}
```

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, 184, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 184, 175) }
```

Border

The CSS property to change the border of an element to Yxy 43.8602, 0.2918, 0.3417 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, 184, 175) }
```

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

```
.border{ border-color:rgb(150, 184, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 184, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 184, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 184, 175);  
box-shadow:4px 4px 4px 4px rgb(150, 184,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8602, 0.2918, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 184, 175) }
```

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

```
.background{ background-color: rgb(150,  
184, 175) }
```

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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