

Converting Colors

$Y_{xy}(44.2149, 0.2959, 0.3478)$

Have a look what the booklet for
Yxy(44.2149, 0.2959, 0.3478)
contains.

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Color

Yxy(44.3136, 0.2963, 0.3488)

Conversions

Conversions Part 1

Format	Color
Hex	98B9AB
RGB	152, 185, 171
RGB Percent	60%, 73%, 67%
CMY	0.4040, 0.2745, 0.3295
CMYK	0.18, 0.00, 0.08, 0.27
HSL	155°, 19%, 66%
HSV	155°, 18%, 73%
XYZ	37.6437, 44.3136, 45.0886
YIQ	173.5370, -15.1740, -11.3500

Conversions

Conversions Part 2

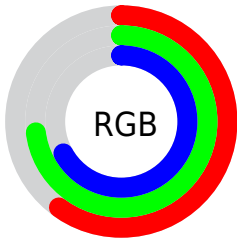
Format	Color
RYB	152, 173, 185
Decimal	10009003
CIELab	72.44, -14.01, 3.41
CIELCh	72, 14.417, 166.336
Yxy	44.3136, 0.2963, 0.3488
Android (android.graphics.Color)	4288199083 (0xFF98B9AB)
YUV	173.5370, -1.2507, -18.8879
Hunter-Lab	66.5685, -15.5551, 6.4392

Details

The Yxy color $44.3136, 0.2963, 0.3488$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $35.5178, 0.3327, 0.3100$, and the grayscale version is $42.0883, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.6670, 0.2998, 0.3452$, and $20.6011, 0.2918, 0.3547$ is the 20% darker color. If you saturate the color by 10%, you get $42.3769, 0.2877, 0.3615$, and if you desaturate by 10%, it is $46.5502, 0.3054, 0.3372$.

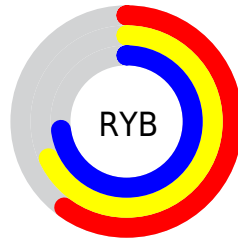
Distribution



Red (60%)

Green (73%)

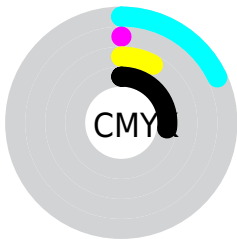
Blue (67%)



Red (60%)

Yellow (68%)

Blue (73%)

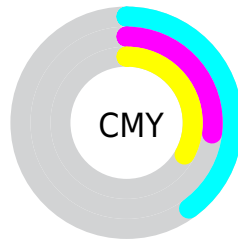


Cyan (18%)

Magenta (0%)

Yellow (8%)

Black (27%)



Cyan (40%)


Magenta (27%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3136, 0.2963, 0.3488 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 44.3136, 0.2963, 0.3488 by changing the saturation by 10% instead.


 44.3136, 0.2963,
0.3488

 44.3136, 0.2963,
0.3488


363.9865, 0.3046,
0.3387

 30.9171, 0.2942,
0.3514


 81.6894, 0.2994,
0.3451

 20.5357, 0.2914,
0.3548


 106.4376, 0.3005,
0.3437

 12.7851, 0.2877,
0.3594


135.7384, 0.3015,
0.3425

 7.2807, 0.2824,
0.3659

169.9763, 0.3023,
0.3415

 3.6383, 0.2743,
0.3761

209.5356, 0.3030,
0.3407

 1.4733, 0.2602,
0.3941

254.8009, 0.3036,

 0.2699, 0.0000,

0.3399

0.8288

306.1563, 0.3042,
0.3393

0.0000, 0.0000,
0.0000

44.3136, 0.2963,
0.3488

44.3136, 0.2963,
0.3488

42.3769, 0.2877,
0.3615

46.5502, 0.3054,
0.3372

40.7215, 0.2799,
0.3754

49.0936, 0.3147,
0.3269

39.3349, 0.2731,
0.3903

51.9572, 0.3241,
0.3176

38.2017, 0.2678,
0.4061

55.1520, 0.3334,
0.3095

37.3048, 0.2641,
0.4223

58.6885, 0.3425,
0.3023

■ 36.6248, 0.2623,
0.4389

■ 61.0310, 0.3447,
0.2952

■ 36.1394, 0.2626,
0.4553

■ 61.4524, 0.3383,
0.2875

■ 35.8139, 0.2646,
0.4712

■ 61.8936, 0.3321,
0.2799

■ 35.7527, 0.2652,
0.4746

■ 62.3548, 0.3259,
0.2725

Harmonies

Analogous

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



44.3136, 0.3164, 0.3618



44.3136, 0.2963, 0.3488



44.3136, 0.2809, 0.3302

Triad

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



44.3136, 0.2963, 0.3488



44.3136, 0.2891, 0.2946



44.3136, 0.3532, 0.3440

Complementary

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



44.3136, 0.2963, 0.3488



35.5178, 0.3327, 0.3100

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.



44.3136, 0.3454, 0.3266



44.3136, 0.2963, 0.3488



44.3136, 0.3079, 0.2988

Square

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



44.3136, 0.2963, 0.3488



44.3136, 0.2768, 0.2992



44.3136, 0.3287, 0.3103



44.3136, 0.3497, 0.3582

Rectangle

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



44.3136, 0.2963, 0.3488



44.3136, 0.2751, 0.3176



44.3136, 0.3287, 0.3103



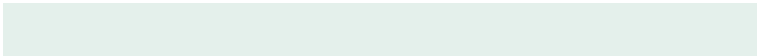
44.3136, 0.3518, 0.3383

Sweetspot

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



44.3155, 0.2963, 0.3488



84.5668, 0.3080, 0.3343



45.1074, 0.3226, 0.3751



18.1646, 0.3073, 0.3350



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.



44.3155, 0.2963, 0.3488



78.0880, 0.2932, 0.3531



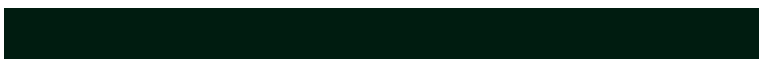
43.9646, 0.2861, 0.3259



10.1444, 0.3040, 0.3389



24.3559, 0.2646, 0.4726



0.8707, 0.2532, 0.4314

Inverse Universe

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



35.5178, 0.3327, 0.3100



59.7144, 0.3375, 0.3061



35.7521, 0.3461, 0.3321



9.0738, 0.3223, 0.3193



7.4171, 0.5245, 0.2663



0.2739, 0.4593, 0.2304

Previews

White Background



This preview shows how the Yxy color 44.3136, 0.2963, 0.3488 looks on a white background.

Color Contrast Check

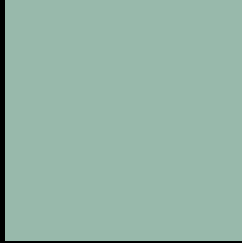
Large Text (above 18pt) WCAG AA × Fail

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 44.3136, 0.2963, 0.3488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

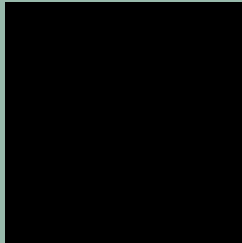
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

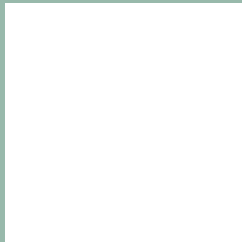
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3136, 0.2963, 0.3488

Background



This preview shows how black text looks on a background with the Yxy color 44.3136, 0.2963, 0.3488.

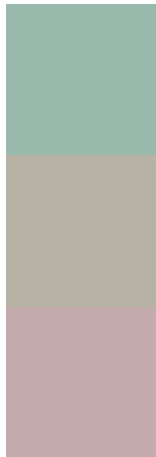


This preview shows how white text looks on a background with the Yxy color 44.3136, 0.2963, 0.3488.

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

44.3136, 0.2963, 0.3488

Protanopia

44.2647, 0.3271, 0.3437

Deuteranopia

43.9176, 0.3330, 0.3252



Tritanopia

44.2014, 0.2820, 0.3086

Trichromacy



Original Color

44.3136, 0.2963, 0.3488

Protanomaly

44.2403, 0.3154, 0.3454

Deuteranomaly

43.7711, 0.3187, 0.3330

Tritanomaly

44.0123, 0.2869, 0.3220

Monochromacy



Original Color

44.3136, 0.2963, 0.3488

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.9649, 0.3064, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3136, 0.2963, 0.3488 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, 185, 171)` looks like.

```
.text, #text, p{  
    color:rgb(152, 185, 171)  
}
```

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, 185, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 185, 171) }
```

Border

The CSS property to change the border of an element to Yxy 44.3136, 0.2963, 0.3488 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, 185, 171) }
```

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

```
.border{ border-color:rgb(152, 185, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 185, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 185, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 185, 171);  
box-shadow:4px 4px 4px 4px rgb(152, 185,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3136, 0.2963, 0.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 185, 171) }
```

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

```
.background{ background-color: rgb(152,  
185, 171) }
```

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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