

Converting Colors

$Yxy(44.1167, 0.2809, 0.3360)$

Have a look what the booklet for
Yxy(44.1167, 0.2809, 0.3360)
contains.

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Color

Yxy(44.1167, 0.2809, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	8DBAB5
RGB	141, 186, 181
RGB Percent	55%, 73%, 71%
CMY	0.4472, 0.2706, 0.2901
CMYK	0.24, 0.00, 0.03, 0.27
HSL	173°, 25%, 64%
HSV	173°, 24%, 73%
XYZ	36.8821, 44.1167, 50.3009
YIQ	171.9750, -25.2150, -11.0950

Conversions

Conversions Part 2

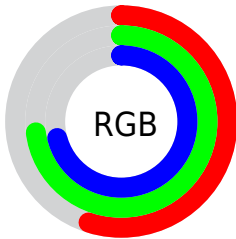
Format	Color
RYB	141, 165, 186
Decimal	9288373
CIELab	72.31, -15.94, -2.36
CIElCh	72, 16.110, 188.412
Yxy	44.1167, 0.2809, 0.3360
Android (android.graphics.Color)	4287478453 (0xFF8DBAB5)
YUV	171.9750, 4.4493, -27.1651
Hunter-Lab	66.4204, -17.1178, 1.5933

Details

The Yxy color **44.1167, 0.2809, 0.3360** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.5553, 0.3569, 0.3222**, and the grayscale version is **41.2270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3544, 0.2869, 0.3344**, and **20.4574, 0.2717, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **42.5391, 0.2694, 0.3393**, and if you desaturate by 10%, it is **45.9730, 0.2935, 0.3329**.

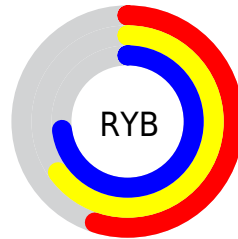
Distribution



Red (55%)

Green (73%)

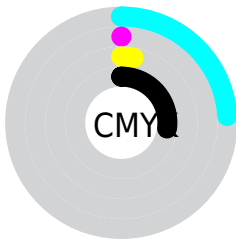
Blue (71%)



Red (55%)

Yellow (65%)

Blue (73%)

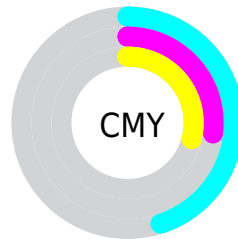


Cyan (24%)

Magenta (0%)

Yellow (3%)

Black (27%)



Cyan (45%)


Magenta (27%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1167, 0.2809, 0.3360 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 44.1167, 0.2809, 0.3360 by changing the saturation by 10% instead.


 44.1167, 0.2809,
0.3360

 44.1167, 0.2809,
0.3360


363.1843, 0.2969,
0.3326

 30.7623, 0.2769,
0.3368


 81.3933, 0.2867,
0.3348

 20.4179, 0.2717,
0.3379


 106.0843, 0.2889,
0.3343

 12.6992, 0.2649,
0.3392


 135.3229, 0.2907,
0.3339

 7.2217, 0.2553,
0.3410

169.4935, 0.2923,
0.3336

 3.6011, 0.2408,
0.3436

208.9806, 0.2937,
0.3333

 1.4531, 0.2169,
0.3474

254.1685, 0.2949,

 0.2553, 0.0000,

0.3330

0.3657

305.4416, 0.2959,
0.3328

0.0000, 0.0000,
0.0000

44.1167, 0.2809,
0.3360

44.1167, 0.2809,
0.3360

42.5391, 0.2694,
0.3393

45.9730, 0.2935,
0.3329

41.2211, 0.2592,
0.3428

48.1152, 0.3069,
0.3301

40.1496, 0.2506,
0.3464

50.5572, 0.3208,
0.3276

39.3084, 0.2438,
0.3502

53.3101, 0.3350,
0.3253

38.6789, 0.2389,
0.3540

56.3847, 0.3492,
0.3232

■ 38.2402, 0.2359,
0.3578

■ 59.7910, 0.3633,
0.3214

■ 37.9667, 0.2346,
0.3616

■ 60.3405, 0.3636,
0.3193

■ 37.8534, 0.2344,
0.3637

■ 60.4345, 0.3618,
0.3172

■ 60.5298, 0.3601,
0.3151

Harmonies

Analogous

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



44.1167, 0.3000, 0.3560



44.1167, 0.2809, 0.3360



44.1167, 0.2704, 0.3148

Triad

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



44.1167, 0.2809, 0.3360



44.1167, 0.3013, 0.2932



44.1167, 0.3564, 0.3580

Complementary

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



44.1167, 0.2809, 0.3360



31.5553, 0.3569, 0.3222

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.



44.1167, 0.3570, 0.3406



44.1167, 0.2809, 0.3360



44.1167, 0.3245, 0.3041

Square

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



44.1167, 0.2809, 0.3360



44.1167, 0.2818, 0.2910



44.1167, 0.3452, 0.3211



44.1167, 0.3437, 0.3684

Rectangle

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



44.1167, 0.2809, 0.3360



44.1167, 0.2693, 0.3031



44.1167, 0.3452, 0.3211



44.1167, 0.3580, 0.3527

Sweetspot

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



44.1185, 0.2809, 0.3360



86.0213, 0.3029, 0.3309



43.1749, 0.3139, 0.3956



18.8905, 0.3021, 0.3311



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.



44.1185, 0.2809, 0.3360



78.3917, 0.2747, 0.3377



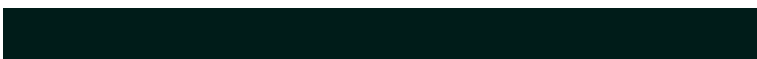
37.4864, 0.2755, 0.3038



10.1931, 0.3000, 0.3315



25.4712, 0.2342, 0.3632



0.9028, 0.2315, 0.3535

Inverse Universe

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



31.5553, 0.3569, 0.3222



51.7115, 0.3700, 0.3206



36.8964, 0.3570, 0.3529



9.0279, 0.3271, 0.3265



7.0642, 0.6248, 0.3216



0.2544, 0.5758, 0.2946

Previews

White Background



This preview shows how the Yxy color 44.1167, 0.2809, 0.3360 looks on a white background.

Color Contrast Check

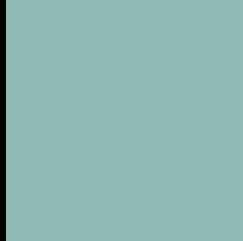
Large Text (above 18pt) WCAG AA × Fail

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 44.1167, 0.2809, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

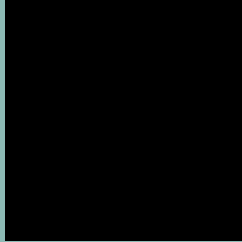
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

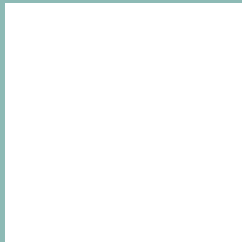
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1167, 0.2809, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 44.1167, 0.2809, 0.3360.

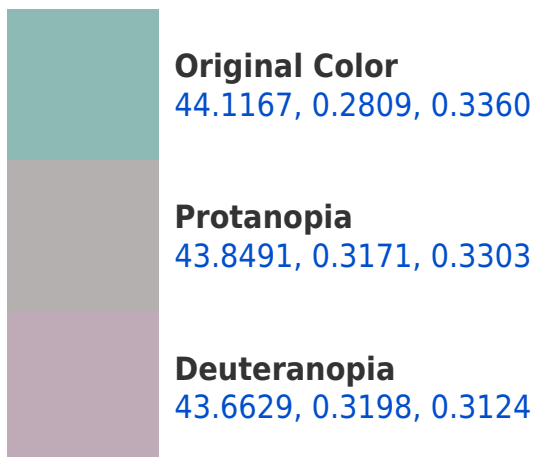


This preview shows how white text looks on a background with the Yxy color 44.1167, 0.2809, 0.3360.

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





Tritanopia

43.9639, 0.2720, 0.3082

Trichromacy



Original Color

44.1167, 0.2809, 0.3360

Protanomaly

43.9238, 0.3032, 0.3331

Deuteranomaly

43.3538, 0.3045, 0.3196

Tritanomaly

44.0160, 0.2754, 0.3177

Monochromacy



Original Color

44.1167, 0.2809, 0.3360

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.1165, 0.3006, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1167, 0.2809, 0.3360 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(141, 186, 181)` looks like.

```
.text, #text, p{  
    color:rgb(141, 186, 181)  
}
```

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(141, 186, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 186, 181) }
```

Border

The CSS property to change the border of an element to Yxy 44.1167, 0.2809, 0.3360 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(141, 186, 181) }
```

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

```
.border{ border-color:rgb(141, 186, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 186, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 186, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 186, 181);  
box-shadow:4px 4px 4px 4px rgb(141, 186,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1167, 0.2809, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 186, 181) }
```

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

```
.background{ background-color: rgb(141,  
186, 181) }
```

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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