

Converting Colors

$Yxy(44.5168, 0.2851, 0.3565)$

Have a look what the booklet for
Yxy(44.5168, 0.2851, 0.3565)
contains.

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Color

Yxy(44.5317, 0.2851, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	88BDAA
RGB	136, 189, 170
RGB Percent	53%, 74%, 67%
CMY	0.4668, 0.2588, 0.3334
CMYK	0.28, 0.00, 0.10, 0.26
HSL	158°, 29%, 64%
HSV	158°, 28%, 74%
XYZ	35.6029, 44.5317, 44.7440
YIQ	170.9870, -25.4890, -17.1450

Conversions

Conversions Part 2

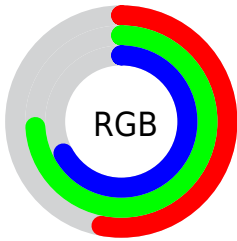
Format	Color
RYB	136, 168, 189
Decimal	8961450
CIELab	72.58, -21.39, 4.04
CIElCh	73, 21.770, 169.316
Yxy	44.5317, 0.2851, 0.3566
Android (android.graphics.Color)	4287151530 (0xFF88BDAA)
YUV	170.9870, -0.4866, -30.6836
Hunter-Lab	66.7321, -21.5479, 6.9584

Details

The Yxy color **44.5317, 0.2851, 0.3566** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **30.7884, 0.3516, 0.3031**, and the grayscale version is **40.7281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6882, 0.2901, 0.3512**, and **20.5208, 0.2765, 0.3639** is the 20% darker color. If you saturate the color by 10%, you get **42.8384, 0.2766, 0.3682**, and if you desaturate by 10%, it is **46.5209, 0.2945, 0.3459**.

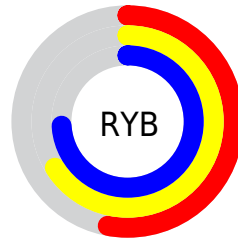
Distribution



Red (53%)

Green (74%)

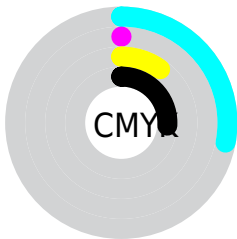
Blue (67%)



Red (53%)

Yellow (66%)

Blue (74%)

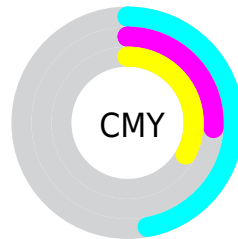


Cyan (28%)

Magenta (0%)

Yellow (10%)

Black (26%)



Cyan (47%)


Magenta (26%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5317, 0.2851, 0.3566 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 44.5317, 0.2851, 0.3566 by changing the saturation by 10% instead.

 44.5317, 0.2851,
0.3566

 44.5317, 0.2851,
0.3566

364.8736, 0.2991,
0.3425


 31.0887, 0.2815,
0.3602


 82.0172, 0.2902,
0.3514

 20.6664, 0.2769,
0.3650


 106.8286, 0.2922,
0.3494

 12.8804, 0.2707,
0.3714


 136.1982, 0.2938,
0.3478

 7.3462, 0.2619,
0.3807

170.5104, 0.2952,
0.3464

 3.6796, 0.2484,
0.3951

210.1497, 0.2963,
0.3452

 1.4960, 0.2253,
0.4204

255.5004, 0.2974,

 0.2859, 0.0000,

0.3442

0.9076

306.9469, 0.2983,
0.3433

0.0000, 0.0000,
0.0000

44.5317, 0.2851,
0.3566

44.5317, 0.2851,
0.3566

42.8384, 0.2766,
0.3682

46.5209, 0.2945,
0.3459

41.4207, 0.2692,
0.3807

48.8143, 0.3044,
0.3362

40.2643, 0.2633,
0.3938

51.4267, 0.3147,
0.3274

39.3510, 0.2592,
0.4074

54.3701, 0.3251,
0.3195

38.6608, 0.2569,
0.4212

57.6561, 0.3354,
0.3126

■ 38.1699, 0.2567,
0.4349

■ 61.2956, 0.3456,
0.3065

■ 37.8416, 0.2583,
0.4485

■ 62.6919, 0.3447,
0.3000

■ 37.7853, 0.2586,
0.4511

■ 63.0529, 0.3392,
0.2933

■ 63.4285, 0.3339,
0.2867

Harmonies

Analogous

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



44.5317, 0.3147, 0.3781



44.5317, 0.2851, 0.3566



44.5317, 0.2635, 0.3273

Triad

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



44.5317, 0.2851, 0.3566



44.5317, 0.2796, 0.2781



44.5317, 0.3743, 0.3530

Complementary

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



44.5317, 0.2851, 0.3566



30.7884, 0.3516, 0.3031

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.



44.5317, 0.3642, 0.3274



44.5317, 0.2851, 0.3566



44.5317, 0.3083, 0.2857

Square

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



44.5317, 0.2851, 0.3566



44.5317, 0.2605, 0.2830



44.5317, 0.3395, 0.3033



44.5317, 0.3669, 0.3741

Rectangle

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



44.5317, 0.2851, 0.3566



44.5317, 0.2561, 0.3085



44.5317, 0.3395, 0.3033



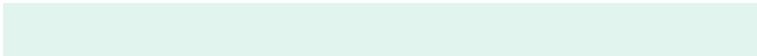
44.5317, 0.3729, 0.3446

Sweetspot

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



44.5335, 0.2851, 0.3566



87.3861, 0.3044, 0.3362



45.1866, 0.3250, 0.4052



18.6510, 0.3028, 0.3376



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.



44.5335, 0.2851, 0.3566



77.7239, 0.2795, 0.3640



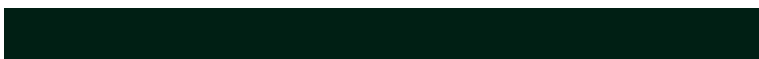
42.3376, 0.2715, 0.3188



10.7499, 0.3031, 0.3374



25.4353, 0.2582, 0.4494



1.0084, 0.2492, 0.4170

Inverse Universe

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



30.7884, 0.3516, 0.3031



48.8452, 0.3640, 0.2969



32.2564, 0.3705, 0.3389



9.5914, 0.3234, 0.3208



7.5717, 0.5514, 0.2811



0.3092, 0.4846, 0.2443

Previews

White Background



This preview shows how the Yxy color 44.5317, 0.2851, 0.3566 looks on a white background.

Color Contrast Check

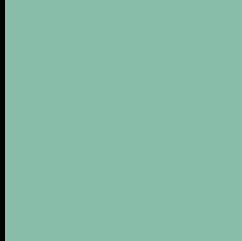
Large Text (above 18pt) WCAG AA × Fail

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 44.5317, 0.2851, 0.3566 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 44.5317, 0.2851, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 44.5317, 0.2851, 0.3566.

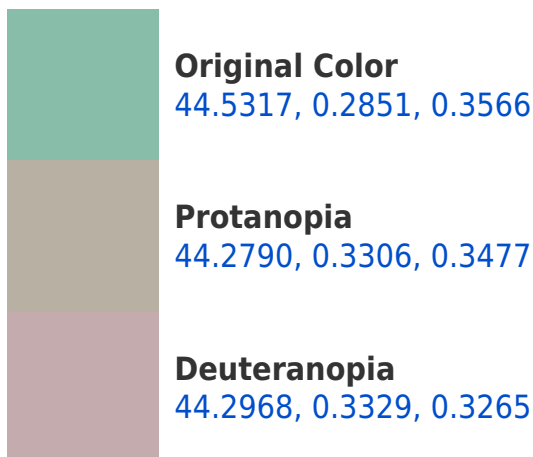


This preview shows how white text looks on a background with the Yxy color 44.5317, 0.2851, 0.3566.

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

44.6188, 0.2689, 0.3082

Trichromacy



Original Color

44.5317, 0.2851, 0.3566

Protanomaly

44.0164, 0.3126, 0.3497

Deuteranomaly

43.8566, 0.3133, 0.3358

Tritanomaly

44.3674, 0.2748, 0.3247

Monochromacy



Original Color

44.5317, 0.2851, 0.3566

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

42.0502, 0.3011, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5317, 0.2851, 0.3566 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(136, 189, 170)` looks like.

```
.text, #text, p{  
    color:rgb(136, 189, 170)  
}
```

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(136, 189, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 189, 170) }
```

Border

The CSS property to change the border of an element to Yxy 44.5317, 0.2851, 0.3566 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(136, 189, 170) }
```

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

```
.border{ border-color:rgb(136, 189, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 189, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 189, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 189, 170);  
box-shadow:4px 4px 4px 4px rgb(136, 189,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5317, 0.2851, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 189, 170) }
```

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

```
.background{ background-color: rgb(136,  
189, 170) }
```

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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