

Converting Colors

$Yxy(68.2503, 0.2889, 0.3524)$

Have a look what the booklet for
Yxy(68.2503, 0.2889, 0.3524)
contains.

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Color

Yxy(68.3274, 0.2891, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	ADE3CF
RGB	173, 227, 207
RGB Percent	68%, 89%, 81%
CMY	0.3217, 0.1098, 0.1882
CMYK	0.24, 0.00, 0.09, 0.11
HSL	158°, 49%, 78%
HSV	158°, 24%, 89%
XYZ	55.9588, 68.3274, 69.2759
YIQ	208.5740, -25.7640, -17.6680

Conversions

Conversions Part 2

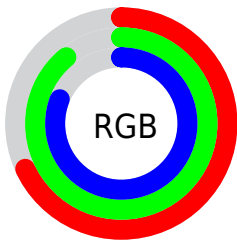
Format	Color
R_{YB}	173, 206, 227
Decimal	11396047
CIE _{Lab}	86.17, -21.32, 4.14
CIE _{LCh}	86, 21.722, 169.017
Yxy	68.3274, 0.2891, 0.3530
Android (android.graphics.Color)	4289586127 (0xFFADE3CF)
YUV	208.5740, -0.7760, -31.1984
Hunter-Lab	82.6604, -23.8161, 8.1726

Details

The Yxy color **68.3274, 0.2891, 0.3530** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.0527, 0.3441, 0.3063**, and the grayscale version is **63.4830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **35.3477, 0.2827, 0.3579** is the 20% darker color. If you saturate the color by 10%, you get **65.5591, 0.2802, 0.3648**, and if you desaturate by 10%, it is **71.5629, 0.2987, 0.3422**.

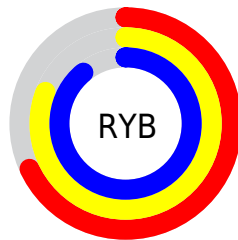
Distribution



Red (68%)

Green (89%)

Blue (81%)



Red (68%)

Yellow (81%)

Blue (89%)

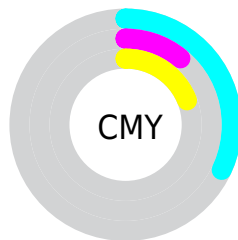


Cyan (24%)

Magenta (0%)

Yellow (9%)

Black (11%)



Cyan (32%)

Magenta (11%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.3274, 0.2891, 0.3530 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 68.3274, 0.2891, 0.3530 by changing the saturation by 10% instead.

■ 68.3274, 0.2891,
0.3530

■ 68.3274, 0.2891,
0.3530

454.6551, 0.3002,
0.3416

■ 50.1641, 0.2865,
0.3557

■ 116.8204, 0.2930,
0.3490

■ 35.5438, 0.2833,
0.3591

147.9189, 0.2945,
0.3474

■ 24.0821, 0.2791,
0.3634

184.0980, 0.2958,
0.3461

■ 15.3945, 0.2736,
0.3692

225.7419, 0.2969,
0.3450

■ 9.0967, 0.2660,
0.3773

273.2353, 0.2979,
0.3440

■ 4.8043, 0.2546,
0.3896

326.9623, 0.2988,

■ 2.1329, 0.2362,

0.3431

0.4100

387.3075, 0.2995,
0.3423

0.6830, 0.1016,
0.5395

0.0000, 0.0000,
0.0000

68.3274, 0.2891,
0.3530

68.3274, 0.2891,
0.3530

65.5591, 0.2802,
0.3648

71.5629, 0.2987,
0.3422

63.2269, 0.2724,
0.3775


75.2780, 0.3088,
0.3325

61.3092, 0.2660,
0.3910

79.4952, 0.3191,
0.3237

59.7789, 0.2612,
0.4051


82.5330, 0.3233,
0.3157


 58.6058, 0.2584,
0.4195

 83.0456, 0.3178,
0.3076

 57.7548, 0.2575,
0.4339

 83.4253, 0.3140,
0.3019

 57.1836, 0.2587,
0.4482

 56.9286, 0.2602,
0.4568

Harmonies

Analogous

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



68.3274, 0.3149, 0.3712



68.3274, 0.2891, 0.3530



68.3274, 0.2701, 0.3280

Triad

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



68.3274, 0.2891, 0.3530



68.3274, 0.2838, 0.2847



68.3274, 0.3659, 0.3499

Complementary

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



68.3274, 0.2891, 0.3530



50.0527, 0.3441, 0.3063

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.



68.3274, 0.3570, 0.3276



68.3274, 0.2891, 0.3530



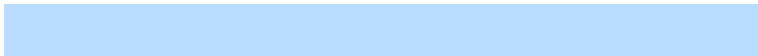
68.3274, 0.3087, 0.2911

Square

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



68.3274, 0.2891, 0.3530



68.3274, 0.2672, 0.2892



68.3274, 0.3357, 0.3065



68.3274, 0.3598, 0.3681

Rectangle

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



68.3274, 0.2891, 0.3530



68.3274, 0.2635, 0.3117



68.3274, 0.3357, 0.3065



68.3274, 0.3646, 0.3427

Sweetspot

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



68.3302, 0.2891, 0.3530



96.3522, 0.3055, 0.3355



69.3877, 0.3240, 0.3932



20.5592, 0.3049, 0.3361



0.0000, 0.0000, 0.0000



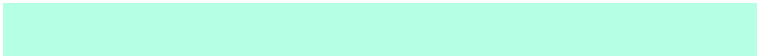
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.3302, 0.2891, 0.3530



86.9310, 0.2842, 0.3592



65.9844, 0.2770, 0.3214



16.2412, 0.3031, 0.3378



33.2199, 0.2596, 0.4547



2.4726, 0.2539, 0.4341

Inverse Universe

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



50.0527, 0.3441, 0.3063



58.9026, 0.3535, 0.3009



51.6950, 0.3605, 0.3364



14.4558, 0.3234, 0.3203



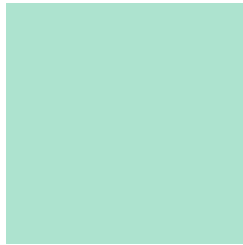
9.9182, 0.5493, 0.2799



0.7504, 0.5093, 0.2579

Previews

White Background



This preview shows how the Yxy color 68.3274, 0.2891, 0.3530 looks on a white background.

Color Contrast Check

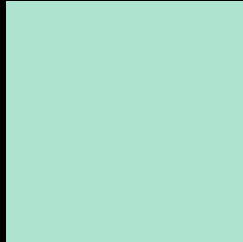
Large Text (above 18pt) WCAG AA × Fail

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 68.3274, 0.2891, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

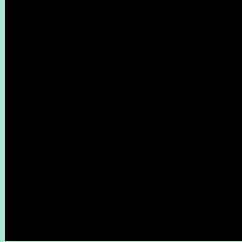
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

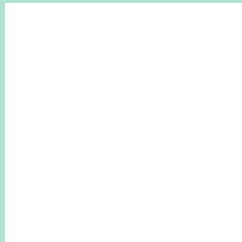
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.3274, 0.2891, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 68.3274, 0.2891, 0.3530.

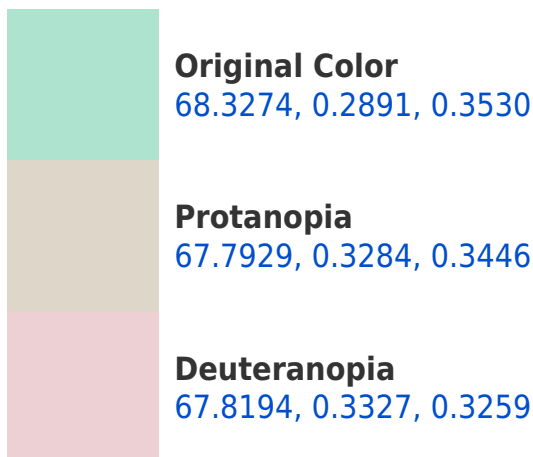


This preview shows how white text looks on a background with the Yxy color 68.3274, 0.2891, 0.3530.

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

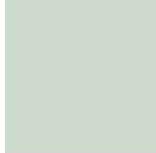
68.1175, 0.2735, 0.3083

Trichromacy



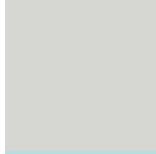
Original Color

68.3274, 0.2891, 0.3530



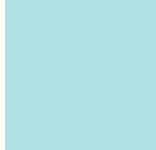
Protanomaly

67.8122, 0.3126, 0.3474



Deuteranomaly

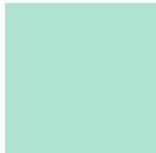
67.5502, 0.3154, 0.3346



Tritanomaly

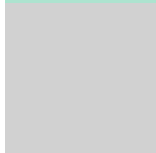
68.2599, 0.2793, 0.3242

Monochromacy



Original Color

68.3274, 0.2891, 0.3530



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

65.4016, 0.3037, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3274, 0.2891, 0.3530 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(173, 227, 207)` looks like.

```
.text, #text, p{  
    color:rgb(173, 227, 207)  
}
```

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(173, 227, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 227, 207) }
```

Border

The CSS property to change the border of an element to Yxy 68.3274, 0.2891, 0.3530 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(173, 227, 207) }
```

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

```
.border{ border-color:rgb(173, 227, 207) }
```

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

Here you see how a box with a 4 pixel rgb(173, 227, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 227, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 227, 207);  
box-shadow:4px 4px 4px 4px rgb(173, 227,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3274, 0.2891, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 227, 207) }
```

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

```
.background{ background-color: rgb(173,  
227, 207) }
```

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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