

Converting Colors

$Yxy(68.0303, 0.2903, 0.3557)$

Have a look what the booklet for
Yxy(68.0303, 0.2903, 0.3557)
contains.

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Color

Yxy(68.2302, 0.2903, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	ADE3CD
RGB	173, 227, 205
RGB Percent	68%, 89%, 80%
CMY	0.3217, 0.1098, 0.1961
CMYK	0.24, 0.00, 0.10, 0.11
HSL	156°, 49%, 78%
HSV	156°, 24%, 89%
XYZ	55.7165, 68.2302, 67.9807
YIQ	208.3460, -25.1220, -18.2900

Conversions

Conversions Part 2

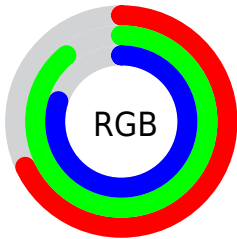
Format	Color
R _{YB}	173, 207, 227
Decimal	11396045
CIE Lab	86.12, -21.72, 5.13
CIE LCh	86, 22.319, 166.703
Yxy	68.2302, 0.2903, 0.3555
Android (android.graphics.Color)	4289586125 (0xFFADEF3CD)
YUV	208.3460, -1.6496, -30.9984
Hunter-Lab	82.6016, -24.1507, 9.0257

Details

The Yxy color **68.2302, 0.2903, 0.3555** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.1514, 0.3423, 0.3040**, and the grayscale version is **63.3339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **35.2821, 0.2842, 0.3613** is the 20% darker color. If you saturate the color by 10%, you get **65.4279, 0.2819, 0.3686**, and if you desaturate by 10%, it is **71.5042, 0.2994, 0.3436**.

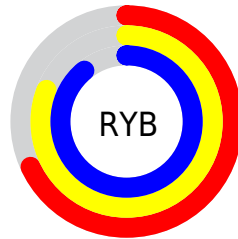
Distribution



Red (68%)

Green (89%)

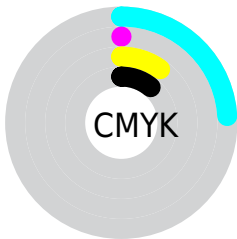
Blue (80%)



Red (68%)

Yellow (81%)

Blue (89%)

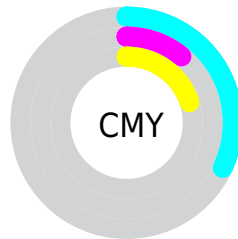


Cyan (24%)

Magenta (0%)

Yellow (10%)

Black (11%)



Cyan (32%)


Magenta (11%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.2302, 0.2903, 0.3555 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 68.2302, 0.2903, 0.3555 by changing the saturation by 10% instead.


 68.2302, 0.2903,
0.3555

 68.2302, 0.2903,
0.3555


454.3112, 0.3009,
0.3429

 50.0850, 0.2878,
0.3585


 116.6814, 0.2940,
0.3510

 35.4810, 0.2847,
0.3622


147.7562, 0.2955,
0.3493

 24.0336, 0.2807,
0.3671


183.9097, 0.2967,
0.3479

 15.3586, 0.2755,
0.3735

225.5263, 0.2978,
0.3466

 9.0714, 0.2681,
0.3827

272.9903, 0.2987,
0.3455

 4.7878, 0.2571,
0.3964

326.6862, 0.2995,

 2.1233, 0.2391,

0.3445

0.4197

386.9984, 0.3002,
0.3436

0.6777, 0.0973,
0.5789

0.0000, 0.0000,
0.0000

68.2302, 0.2903,
0.3555

68.2302, 0.2903,
0.3555

65.4279, 0.2819,
0.3686

71.5042, 0.2994,
0.3436

63.0662, 0.2744,
0.3827


75.2626, 0.3090,
0.3328


61.1232, 0.2683,
0.3977


79.5280, 0.3188,
0.3232


59.5720, 0.2639,
0.4133


82.6151, 0.3224,
0.3143


 58.3820, 0.2613,
0.4293

 83.1853, 0.3164,
0.3054

 57.5182, 0.2608,
0.4453

 83.4243, 0.3140,
0.3019

 56.9379, 0.2623,
0.4610

 56.6788, 0.2640,
0.4704

Harmonies

Analogous

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



68.2302, 0.3171, 0.3734



68.2302, 0.2903, 0.3555



68.2302, 0.2701, 0.3299

Triad

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



68.2302, 0.2903, 0.3555



68.2302, 0.2813, 0.2834



68.2302, 0.3673, 0.3487

Complementary

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



68.2302, 0.2903, 0.3555



50.1514, 0.3423, 0.3040

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.



68.2302, 0.3569, 0.3257



68.2302, 0.2903, 0.3555



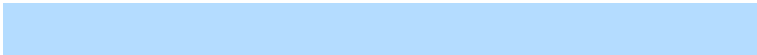
68.2302, 0.3064, 0.2892

Square

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



68.2302, 0.2903, 0.3555



68.2302, 0.2651, 0.2889



68.2302, 0.3343, 0.3044



68.2302, 0.3621, 0.3680

Rectangle

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



68.2302, 0.2903, 0.3555



68.2302, 0.2627, 0.3130



68.2302, 0.3343, 0.3044



68.2302, 0.3655, 0.3412

Sweetspot

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



68.2330, 0.2903, 0.3555



96.3105, 0.3059, 0.3362



69.6282, 0.3253, 0.3929



20.5496, 0.3053, 0.3368



0.0000, 0.0000, 0.0000



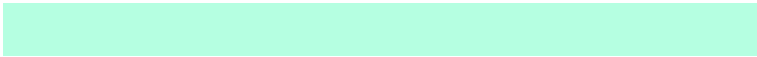
21.4041, 0.3127, 0.3290

Same Dimension

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



68.2330, 0.2903, 0.3555



86.7782, 0.2856, 0.3624



66.9413, 0.2772, 0.3236



16.2317, 0.3036, 0.3388



33.0753, 0.2634, 0.4681



2.4625, 0.2571, 0.4456

Inverse Universe

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



50.1514, 0.3423, 0.3040



59.0410, 0.3511, 0.2981



50.9833, 0.3609, 0.3343



14.4649, 0.3229, 0.3195



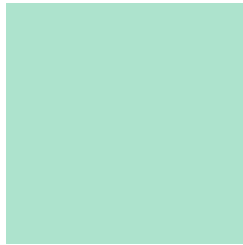
10.0021, 0.5341, 0.2716



0.7572, 0.4959, 0.2505

Previews

White Background



This preview shows how the Yxy color 68.2302, 0.2903, 0.3555 looks on a white background.

Color Contrast Check

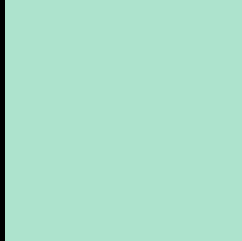
Large Text (above 18pt) WCAG AA × Fail

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 68.2302, 0.2903, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

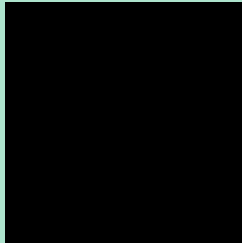
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

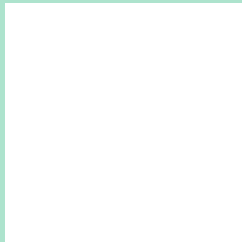
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.2302, 0.2903, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 68.2302, 0.2903, 0.3555.

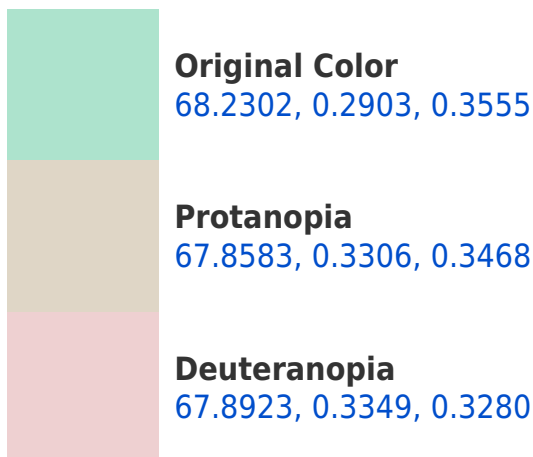


This preview shows how white text looks on a background with the Yxy color 68.2302, 0.2903, 0.3555.

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

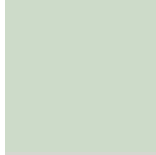
68.2371, 0.2741, 0.3083

Trichromacy



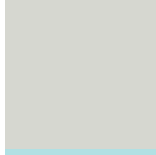
Original Color

68.2302, 0.2903, 0.3555



Protanomaly

67.8592, 0.3146, 0.3497



Deuteranomaly

67.4511, 0.3167, 0.3369



Tritanomaly

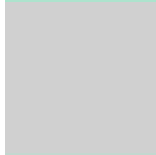
68.2045, 0.2798, 0.3254

Monochromacy



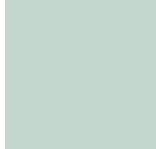
Original Color

68.2302, 0.2903, 0.3555



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

64.7080, 0.3036, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2302, 0.2903, 0.3555 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(173, 227, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 227, 205) }
```

Border

The CSS property to change the border of an element to Yxy 68.2302, 0.2903, 0.3555 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, 205) }
```

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

```
.border{ border-color:rgb(173, 227, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 227, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 227, 205);  
box-shadow:4px 4px 4px 4px rgb(173, 227,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2302, 0.2903, 0.3555 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, 205) }
```

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

```
.background{ background-color: rgb(173,  
227, 205) }
```

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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