

Converting Colors

$Yxy(55.3875, 0.2853, 0.3168)$

Have a look what the booklet for
Yxy(55.3875, 0.2853, 0.3168)
contains.

Yxy(55.3607, 0.2851, 0.3165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.3607, 0.2851, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	ADC9D3
RGB	173, 201, 211
RGB Percent	68%, 79%, 83%
CMY	0.3218, 0.2117, 0.1725
CMYK	0.18, 0.05, 0.00, 0.17
HSL	196°, 30%, 75%
HSV	196°, 18%, 83%
XYZ	49.8684, 55.3607, 69.6863
YIQ	193.7680, -19.8980, -2.8260

Conversions

Conversions Part 2

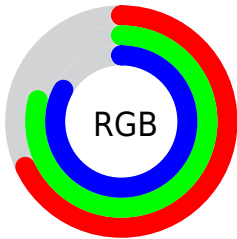
Format	Color
RYB	173, 189, 211
Decimal	11389395
CIELab	79.25, -7.28, -8.13
CIELCh	79, 10.917, 228.166
Yxy	55.3607, 0.2851, 0.3165
Android (android.graphics.Color)	4289579475 (0xFFADC9D3)
YUV	193.7680, 8.4954, -18.2135
Hunter-Lab	74.4048, -10.5722, -3.4467

Details

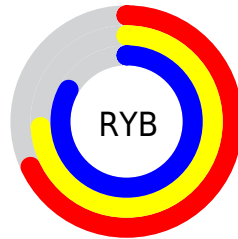
The Yxy color **55.3607, 0.2851, 0.3165** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.7005, 0.3453, 0.3412**, and the grayscale version is **53.7577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **27.2948, 0.2775, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **50.6109, 0.2702, 0.3086**, and if you desaturate by 10%, it is **60.5879, 0.3004, 0.3237**.

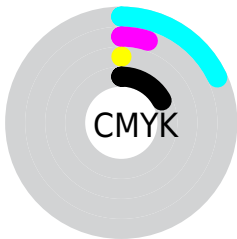
Distribution



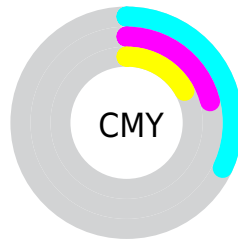
- Red (68%)
- Green (79%)
- Blue (83%)



- Red (68%)
- Yellow (74%)
- Blue (83%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (17%)



- Cyan (32%)
- Magenta (21%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3607, 0.2851, 0.3165 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 55.3607, 0.2851, 0.3165 by changing the saturation by 10% instead.

■ 55.3607, 0.2851,
0.3165

■ 55.3607, 0.2851,
0.3165

407.2778, 0.2984,
0.3227

■ 39.6906, 0.2819,
0.3150

■ 98.0692, 0.2898,
0.3187

■ 27.2974, 0.2779,
0.3130

125.8764, 0.2916,
0.3196

■ 17.7967, 0.2728,
0.3105

158.4981, 0.2932,
0.3203

■ 10.8041, 0.2658,
0.3069

196.3187, 0.2945,
0.3209

■ 5.9353, 0.2559,
0.3017

239.7226, 0.2957,
0.3214

■ 2.8058, 0.2407,
0.2935

289.0941, 0.2967,

■ 1.0312, 0.2148,

0.3219

0.2784

344.8177, 0.2976,
0.3223

0.0000, 0.0000,
0.0000

55.3607, 0.2851,
0.3165

55.3607, 0.2851,
0.3165

50.6109, 0.2702,
0.3086

60.5879, 0.3004,
0.3237

46.3128, 0.2559,
0.3002

66.3032, 0.3157,
0.3302

42.4486, 0.2426,
0.2912

72.5255, 0.3309,
0.3361

38.9963, 0.2307,
0.2818

78.8233, 0.3440,
0.3414

35.9316, 0.2204,
0.2721

81.8324, 0.3430,
0.3469

■ 33.2270, 0.2120,
0.2622

■ 84.9390, 0.3421,
0.3523

■ 30.8505, 0.2056,
0.2524

■ 88.1441, 0.3412,
0.3577

■ 28.7559, 0.2010,
0.2427

■ 91.4486, 0.3403,
0.3630

■ 28.3642, 0.2002,
0.2408

■ 94.8533, 0.3394,
0.3682

Harmonies

Analogous

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



55.3607, 0.2897, 0.3291



55.3607, 0.2851, 0.3165



55.3607, 0.2876, 0.3076

Triad

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



55.3607, 0.2851, 0.3165



55.3607, 0.3248, 0.3164



55.3607, 0.3285, 0.3543

Complementary

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



55.3607, 0.2851, 0.3165



50.7005, 0.3453, 0.3412

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.



55.3607, 0.3383, 0.3501



55.3607, 0.2851, 0.3165



55.3607, 0.3362, 0.3282

Square

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



55.3607, 0.2851, 0.3165



55.3607, 0.3103, 0.3079



55.3607, 0.3412, 0.3405



55.3607, 0.3146, 0.3514

Rectangle

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



55.3607, 0.2851, 0.3165



55.3607, 0.2931, 0.3049



55.3607, 0.3412, 0.3405



55.3607, 0.3324, 0.3537

Sweetspot

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



55.3630, 0.2851, 0.3165



95.5461, 0.3050, 0.3257



58.8638, 0.3041, 0.3653



20.3202, 0.3039, 0.3252



0.0000, 0.0000, 0.0000



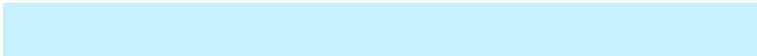
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3630, 0.2851, 0.3165



81.8361, 0.2788, 0.3133



47.2243, 0.2838, 0.2927



12.8603, 0.2983, 0.3228



17.2919, 0.2006, 0.2422



1.0922, 0.2056, 0.2600

Inverse Universe

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



47.9321, 0.3230, 0.2958



68.3690, 0.3259, 0.2878



58.8651, 0.3415, 0.3629



11.9539, 0.3177, 0.3120



9.8169, 0.4000, 0.1977



0.5616, 0.3824, 0.1880

Previews

White Background



This preview shows how the Yxy color 55.3607, 0.2851, 0.3165 looks on a white background.

Color Contrast Check

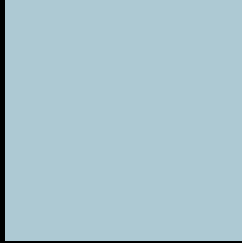
Large Text (above 18pt) WCAG AA × Fail

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 55.3607, 0.2851, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

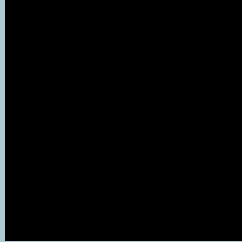
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

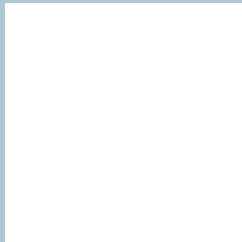
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3607, 0.2851, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 55.3607, 0.2851, 0.3165.



This preview shows how white text looks on a background with the Yxy color 55.3607, 0.2851, 0.3165.

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

55.3607, 0.2851, 0.3165

Protanopia

55.2710, 0.3048, 0.3146

Deuteranopia

54.8964, 0.3092, 0.3022



Tritanopia

55.2651, 0.2826, 0.3092

Trichromacy



Original Color

55.3607, 0.2851, 0.3165

Protanomaly

55.1779, 0.2979, 0.3156

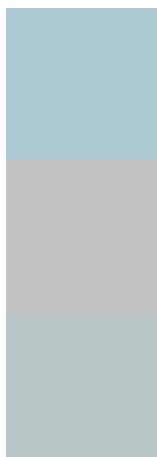
Deuteranomaly

54.9391, 0.3004, 0.3075

Tritanomaly

55.1623, 0.2838, 0.3116

Monochromacy



Original Color

55.3607, 0.2851, 0.3165

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.5417, 0.3020, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3607, 0.2851, 0.3165 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, 201, 211)` looks like.

```
.text, #text, p{  
    color:rgb(173, 201, 211)  
}
```

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, 201, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 201, 211) }
```

Border

The CSS property to change the border of an element to Yxy 55.3607, 0.2851, 0.3165 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, 201, 211) }
```

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

```
.border{ border-color:rgb(173, 201, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 201, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 201, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 201, 211);  
box-shadow:4px 4px 4px 4px rgb(173, 201,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3607, 0.2851, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 201, 211) }
```

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

```
.background{ background-color: rgb(173,  
201, 211) }
```

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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