

Converting Colors

Yxy(54.8484, 0.2857, 0.3165)

Have a look what the booklet for
Yxy(54.8484, 0.2857, 0.3165)
contains.

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Color

Yxy(54.8459, 0.2857, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	ADC8D2
RGB	173, 200, 210
RGB Percent	68%, 78%, 82%
CMY	0.3218, 0.2156, 0.1766
CMYK	0.18, 0.05, 0.00, 0.18
HSL	196°, 29%, 75%
HSV	196°, 18%, 82%
XYZ	49.5086, 54.8459, 68.9343
YIQ	193.0670, -19.3020, -2.6140

Conversions

Conversions Part 2

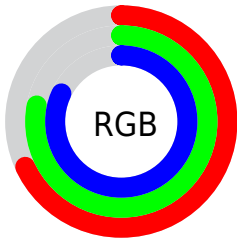
Format	Color
RYB	173, 189, 210
Decimal	11389138
CIELab	78.95, -6.98, -8.02
CIELCh	79, 10.632, 228.987
Yxy	54.8459, 0.2857, 0.3165
Android (android.graphics.Color)	4289579218 (0xFFADC8D2)
YUV	193.0670, 8.3480, -17.5988
Hunter-Lab	74.0580, -10.2723, -3.3474

Details

The Yxy color **54.8459, 0.2857, 0.3165** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.5387, 0.3444, 0.3412**, and the grayscale version is **53.3233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **26.9511, 0.2782, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **50.0734, 0.2707, 0.3085**, and if you desaturate by 10%, it is **60.0956, 0.3010, 0.3239**.

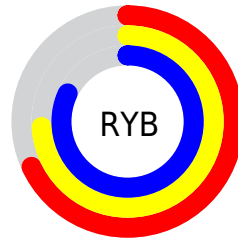
Distribution



Red (68%)

Green (78%)

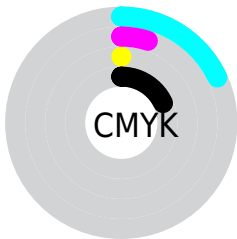
Blue (82%)



Red (68%)

Yellow (74%)

Blue (82%)

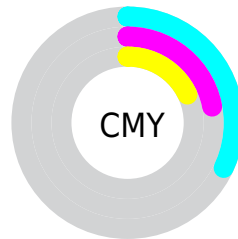


Cyan (18%)

Magenta (5%)

Yellow (0%)

Black (18%)



Cyan (32%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8459, 0.2857, 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 54.8459, 0.2857, 0.3165 by changing the saturation by 10% instead.

■ 54.8459, 0.2857,
0.3165

■ 54.8459, 0.2857,
0.3165

405.3275, 0.2987,
0.3227

■ 39.2784, 0.2826,
0.3150

■ 97.3151, 0.2903,
0.3187

■ 26.9763, 0.2787,
0.3130

124.9856, 0.2921,
0.3196

■ 17.5555, 0.2736,
0.3104

157.4592, 0.2936,
0.3203

■ 10.6313, 0.2667,
0.3069

195.1203, 0.2949,
0.3209

■ 5.8195, 0.2569,
0.3017

238.3533, 0.2961,
0.3215

■ 2.7356, 0.2419,
0.2934

287.5425, 0.2971,

■ 0.9953, 0.2157,

0.3219

0.2782

343.0725, 0.2979,
0.3223

0.0000, 0.0000,
0.0000

54.8459, 0.2857,
0.3165

54.8459, 0.2857,
0.3165

50.0734, 0.2707,
0.3085

60.0956, 0.3010,
0.3239

45.7528, 0.2564,
0.2998

65.8332, 0.3163,
0.3305

41.8663, 0.2430,
0.2906

72.0772, 0.3315,
0.3365

38.3923, 0.2309,
0.2809

78.4746, 0.3448,
0.3418

35.3068, 0.2205,
0.2710

81.5345, 0.3438,
0.3475

■ 32.5827, 0.2119,
0.2609

■ 84.6959, 0.3429,
0.3530

■ 30.1885, 0.2053,
0.2508

■ 87.9597, 0.3419,
0.3585

■ 28.0805, 0.2006,
0.2408

■ 91.3268, 0.3410,
0.3639

■ 27.6075, 0.1996,
0.2384

■ 94.7981, 0.3401,
0.3692

Harmonies

Analogous

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



54.8459, 0.2900, 0.3288



54.8459, 0.2857, 0.3165



54.8459, 0.2884, 0.3080

Triad

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



54.8459, 0.2857, 0.3165



54.8459, 0.3249, 0.3170



54.8459, 0.3278, 0.3537

Complementary

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



54.8459, 0.2857, 0.3165



50.5387, 0.3444, 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.



54.8459, 0.3375, 0.3499



54.8459, 0.2857, 0.3165



54.8459, 0.3359, 0.3286

Square

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



54.8459, 0.2857, 0.3165



54.8459, 0.3108, 0.3085



54.8459, 0.3405, 0.3406



54.8459, 0.3141, 0.3507

Rectangle

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



54.8459, 0.2857, 0.3165



54.8459, 0.2938, 0.3054



54.8459, 0.3405, 0.3406



54.8459, 0.3316, 0.3532

Sweetspot

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



54.8482, 0.2857, 0.3165



95.4940, 0.3050, 0.3256



58.3713, 0.3039, 0.3636



20.3075, 0.3039, 0.3252



0.0000, 0.0000, 0.0000



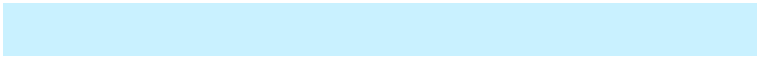
21.4041, 0.3127, 0.3290

Same Dimension

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



54.8482, 0.2857, 0.3165



82.3762, 0.2803, 0.3137



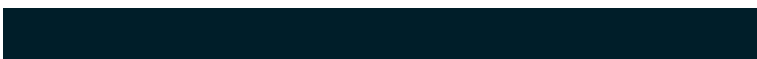
46.8156, 0.2845, 0.2928



12.8470, 0.2983, 0.3226



17.0177, 0.2000, 0.2399



1.0787, 0.2051, 0.2582

Inverse Universe

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



47.7347, 0.3230, 0.2969



69.5706, 0.3254, 0.2901



58.6435, 0.3407, 0.3628



11.9525, 0.3178, 0.3122



9.7892, 0.4024, 0.1990



0.5602, 0.3842, 0.1890

Previews

White Background



This preview shows how the Yxy color 54.8459, 0.2857, 0.3165 looks on a white background.

Color Contrast Check

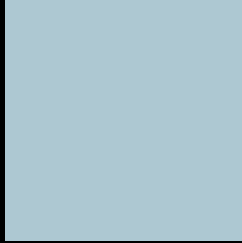
Large Text (above 18pt) WCAG AA × Fail

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 54.8459, 0.2857, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

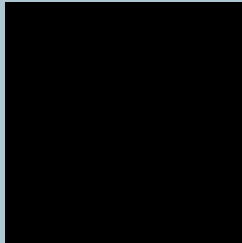
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

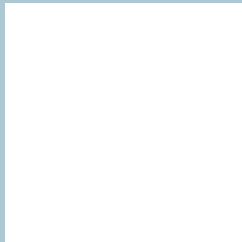
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8459, 0.2857, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 54.8459, 0.2857, 0.3165.

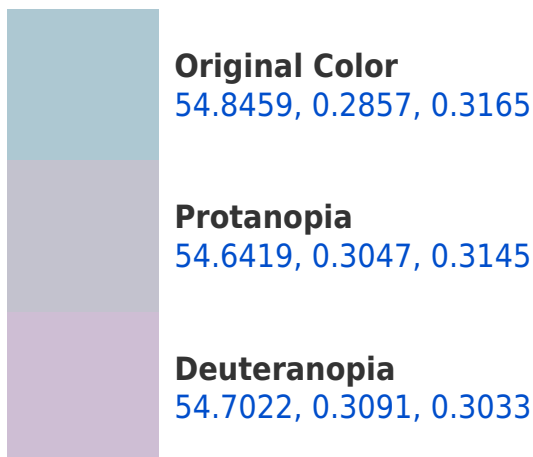


This preview shows how white text looks on a background with the Yxy color 54.8459, 0.2857, 0.3165.

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





Tritanopia

54.7518, 0.2831, 0.3091

Trichromacy



Original Color

54.8459, 0.2857, 0.3165

Protanomaly

54.5496, 0.2979, 0.3155

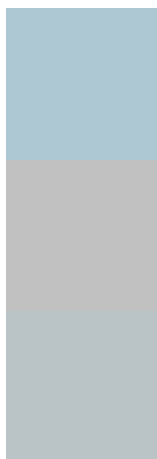
Deuteranomaly

54.7561, 0.3004, 0.3086

Tritanomaly

54.6496, 0.2844, 0.3116

Monochromacy



Original Color

54.8459, 0.2857, 0.3165

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.0425, 0.3027, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8459, 0.2857, 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, 200, 210)` looks like.

```
.text, #text, p{  
    color:rgb(173, 200, 210)  
}
```

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, 200, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 200, 210) }
```

Border

The CSS property to change the border of an element to Yxy 54.8459, 0.2857, 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, 200, 210) }
```

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

```
.border{ border-color:rgb(173, 200, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 200, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 200, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 200, 210);  
box-shadow:4px 4px 4px 4px rgb(173, 200,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8459, 0.2857, 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, 200, 210) }
```

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

```
.background{ background-color: rgb(173,  
200, 210) }
```

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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