

Converting Colors

Yxy(57.9736, 0.2847, 0.3204)

Have a look what the booklet for
Yxy(57.9736, 0.2847, 0.3204)
contains.

Yxy(57.9454, 0.2849, 0.3203)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.9454, 0.2849, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	AECED5
RGB	174, 206, 213
RGB Percent	68%, 81%, 84%
CMY	0.3176, 0.1922, 0.1647
CMYK	0.18, 0.03, 0.00, 0.16
HSL	191°, 32%, 76%
HSV	191°, 18%, 84%
XYZ	51.5412, 57.9454, 71.4232
YIQ	197.2300, -21.3190, -4.6070

Conversions

Conversions Part 2

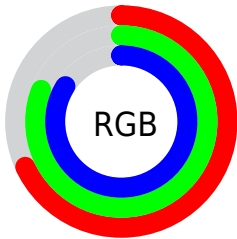
Format	Color
RYB	174, 192, 213
Decimal	11456213
CIELab	80.71, -9.11, -7.04
CIELCh	81, 11.515, 217.673
Yxy	57.9454, 0.2849, 0.3203
Android (android.graphics.Color)	4289646293 (0xFFAECED5)
YUV	197.2300, 7.7746, -20.3727
Hunter-Lab	76.1219, -12.3531, -2.3450

Details

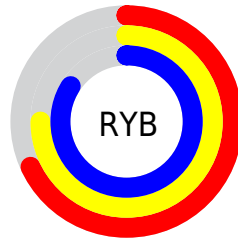
The Yxy color **57.9454, 0.2849, 0.3203** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.2650, 0.3466, 0.3375**, and the grayscale version is **55.9465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **28.9900, 0.2782, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **53.8702, 0.2704, 0.3150**, and if you desaturate by 10%, it is **62.4583, 0.3000, 0.3252**.

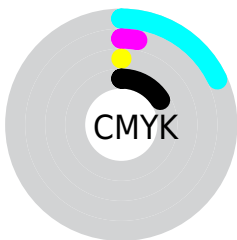
Distribution



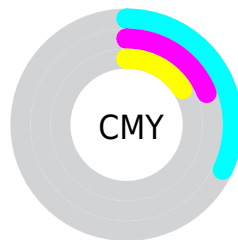
- Red (68%)
- Green (81%)
- Blue (84%)



- Red (68%)
- Yellow (75%)
- Blue (84%)



- Cyan (18%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (32%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9454, 0.2849, 0.3203 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 57.9454, 0.2849, 0.3203 by changing the saturation by 10% instead.

■ 57.9454, 0.2849,
0.3203

■ 57.9454, 0.2849,
0.3203

416.9825, 0.2982,
0.3246

■ 41.7648, 0.2818,
0.3192

■ 101.8433, 0.2896,
0.3219

■ 28.9171, 0.2778,
0.3179

130.3294, 0.2914,
0.3225

■ 19.0181, 0.2727,
0.3160

163.6861, 0.2929,
0.3230

■ 11.6834, 0.2659,
0.3135

202.2978, 0.2943,
0.3234

■ 6.5285, 0.2563,
0.3099

246.5489, 0.2954,
0.3238

■ 3.1690, 0.2418,
0.3040

296.8238, 0.2965,

■ 1.2206, 0.2176,

0.3241

0.2932

353.5068, 0.2974,
0.3244

■ 0.0784, 0.0000,
0.1196

■ 0.0000, 0.0000,
0.0000

■ 57.9454, 0.2849,
0.3203

■ 57.9454, 0.2849,
0.3203

■ 53.8702, 0.2704,
0.3150

■ 62.4583, 0.3000,
0.3252

■ 50.2069, 0.2569,
0.3092

■ 67.4190, 0.3153,
0.3297

■ 46.9380, 0.2446,
0.3032

■ 72.8463, 0.3308,
0.3338

■ 44.0415, 0.2337,
0.2969

■ 77.9452, 0.3429,
0.3375

41.4933, 0.2247,
0.2904

79.9946, 0.3422,
0.3413

39.2658, 0.2175,
0.2839

82.0904, 0.3416,
0.3451

37.3268, 0.2123,
0.2774

84.2329, 0.3410,
0.3489

35.6285, 0.2088,
0.2710

86.4225, 0.3404,
0.3526

35.3520, 0.2083,
0.2699

88.6595, 0.3398,
0.3563

Harmonies

Analogous

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



57.9454, 0.2921, 0.3340



57.9454, 0.2849, 0.3203



57.9454, 0.2849, 0.3094

Triad

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



57.9454, 0.2849, 0.3203



57.9454, 0.3202, 0.3123



57.9454, 0.3333, 0.3546

Complementary

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



57.9454, 0.2849, 0.3203



50.2650, 0.3466, 0.3375

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.



57.9454, 0.3412, 0.3480



57.9454, 0.2849, 0.3203



57.9454, 0.3336, 0.3237

Square

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



57.9454, 0.2849, 0.3203



57.9454, 0.3050, 0.3052



57.9454, 0.3414, 0.3366



57.9454, 0.3199, 0.3542

Rectangle

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



57.9454, 0.2849, 0.3203



57.9454, 0.2890, 0.3051



57.9454, 0.3414, 0.3366



57.9454, 0.3367, 0.3531

Sweetspot

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



57.9478, 0.2849, 0.3203



96.2076, 0.3049, 0.3267



59.9103, 0.3061, 0.3701



20.4813, 0.3039, 0.3264



0.0000, 0.0000, 0.0000



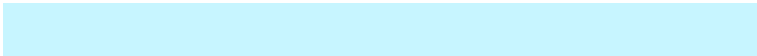
21.4041, 0.3127, 0.3290

Same Dimension

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



57.9478, 0.2849, 0.3203



84.6010, 0.2791, 0.3183



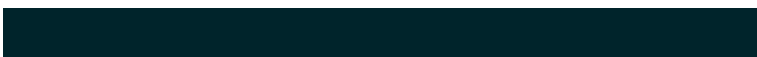
49.3540, 0.2836, 0.2963



13.7104, 0.2983, 0.3247



21.7295, 0.2086, 0.2708



1.4120, 0.2117, 0.2820

Inverse Universe

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



48.8844, 0.3205, 0.2917



68.6481, 0.3225, 0.2834



58.5187, 0.3427, 0.3597



12.5926, 0.3165, 0.3101



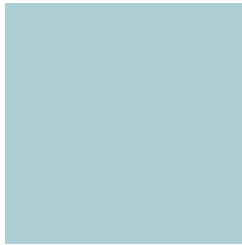
10.5385, 0.3720, 0.1823



0.6459, 0.3617, 0.1766

Previews

White Background



This preview shows how the Yxy color 57.9454, 0.2849, 0.3203 looks on a white background.

Color Contrast Check

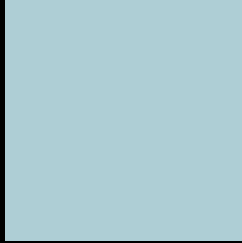
Large Text (above 18pt) WCAG AA × Fail

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 57.9454, 0.2849, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

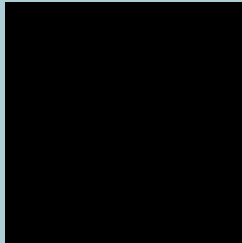
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

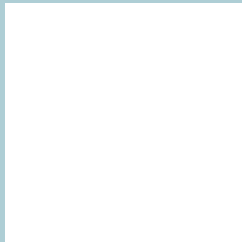
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9454, 0.2849, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 57.9454, 0.2849, 0.3203.



This preview shows how white text looks on a background with the Yxy color 57.9454, 0.2849, 0.3203.

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

57.9454, 0.2849, 0.3203

Protanopia

57.8678, 0.3071, 0.3172

Deuteranopia

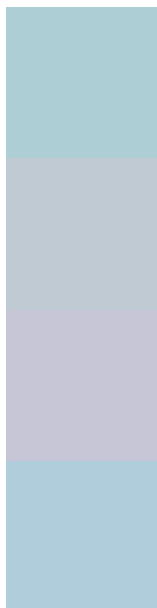
57.4869, 0.3115, 0.3050



Tritanopia

58.1132, 0.2812, 0.3095

Trichromacy



Original Color

57.9454, 0.2849, 0.3203

Protanomaly

57.9706, 0.2988, 0.3194

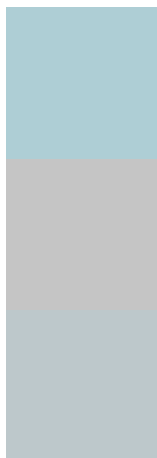
Deuteranomaly

57.2490, 0.3013, 0.3101

Tritanomaly

57.8386, 0.2824, 0.3131

Monochromacy



Original Color

57.9454, 0.2849, 0.3203

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.4392, 0.3021, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9454, 0.2849, 0.3203 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(174, 206, 213)` looks like.

```
.text, #text, p{  
    color:rgb(174, 206, 213)  
}
```

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(174, 206, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 206, 213) }
```

Border

The CSS property to change the border of an element to Yxy 57.9454, 0.2849, 0.3203 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(174, 206, 213) }
```

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

```
.border{ border-color:rgb(174, 206, 213) }
```

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

Here you see how a box with a 4 pixel rgb(174, 206, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 206, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 206, 213);  
box-shadow:4px 4px 4px 4px rgb(174, 206,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9454, 0.2849, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 206, 213) }
```

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

```
.background{ background-color: rgb(174,  
206, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor