

Converting Colors

$Yxy(58.3127, 0.2984, 0.3537)$

Have a look what the booklet for
Yxy(58.3127, 0.2984, 0.3537)
contains.

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Color

Yxy(58.0893, 0.2985, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	ACD1BE
RGB	172, 209, 190
RGB Percent	67%, 82%, 75%
CMY	0.3252, 0.1804, 0.2548
CMYK	0.18, 0.00, 0.09, 0.18
HSL	149°, 29%, 75%
HSV	149°, 18%, 82%
XYZ	49.1208, 58.0893, 57.3488
YIQ	195.7710, -15.9530, -13.7530

Conversions

Conversions Part 2

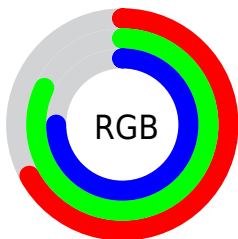
Format	Color
RYB	172, 197, 209
Decimal	11325886
CIELab	80.79, -15.94, 5.36
CIELCh	81, 16.821, 161.420
Yxy	58.0893, 0.2985, 0.3530
Android (android.graphics.Color)	4289515966 (0xFFACD1BE)
YUV	195.7710, -2.8451, -20.8472
Hunter-Lab	76.2163, -18.3367, 8.7388

Details

The Yxy color **58.0893, 0.2985, 0.3530** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.8487, 0.3298, 0.3062**, and the grayscale version is **55.0912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6678, 0.3013, 0.3380**, and **28.8393, 0.2941, 0.3582** is the 20% darker color. If you saturate the color by 10%, you get **55.4564, 0.2909, 0.3687**, and if you desaturate by 10%, it is **61.1336, 0.3065, 0.3388**.

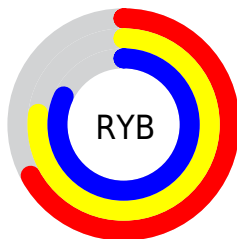
Distribution



Red (67%)

Green (82%)

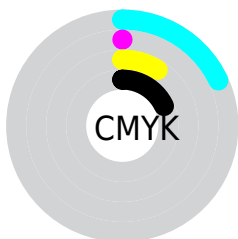
Blue (75%)



Red (67%)

Yellow (77%)

Blue (82%)

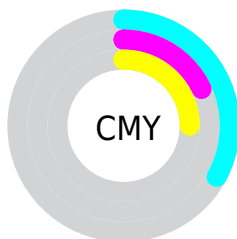


Cyan (18%)

Magenta (0%)

Yellow (9%)

Black (18%)



Cyan (33%)


Magenta (18%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0893, 0.2985, 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 58.0893, 0.2985, 0.3530 by changing the saturation by 10% instead.

 58.0893, 0.2985,
0.3530

 58.0893, 0.2985,
0.3530


417.5186, 0.3054,
0.3412

 41.8804, 0.2968,
0.3559

 102.0529, 0.3010,
0.3488

 29.0077, 0.2947,
0.3595


130.5764, 0.3019,
0.3472

 19.0866, 0.2919,
0.3643


163.9736, 0.3027,
0.3458

 11.7329, 0.2880,
0.3709

202.6289, 0.3034,
0.3446

 6.5621, 0.2825,
0.3805

246.9266, 0.3040,
0.3436

 3.1898, 0.2737,
0.3957

297.2512, 0.3046,

 1.2316, 0.2569,

0.3427

0.4242

353.9871, 0.3050,
0.3419

0.0873, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.0893, 0.2985,
0.3530

58.0893, 0.2985,
0.3530

55.4564, 0.2909,
0.3687

61.1336, 0.3065,
0.3388

53.2095, 0.2840,
0.3859

64.5989, 0.3146,
0.3262

51.3315, 0.2781,
0.4044

68.5035, 0.3228,
0.3150

49.8012, 0.2735,
0.4239

72.7360, 0.3302,
0.3051

■ 48.5953, 0.2706,
0.4440

■ 73.3685, 0.3226,
0.2947

■ 47.6871, 0.2696,
0.4642

■ 74.0389, 0.3152,
0.2846

■ 47.0457, 0.2706,
0.4839

■ 74.0745, 0.3148,
0.2841

■ 46.6279, 0.2734,
0.5026

■ 46.5461, 0.2741,
0.5068

Harmonies

Analogous

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



58.0893, 0.3203, 0.3654



58.0893, 0.2985, 0.3530



58.0893, 0.2810, 0.3336

Triad

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



58.0893, 0.2985, 0.3530



58.0893, 0.2848, 0.2926



58.0893, 0.3554, 0.3419

Complementary

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



58.0893, 0.2985, 0.3530



46.8487, 0.3298, 0.3062

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.



58.0893, 0.3452, 0.3234



58.0893, 0.2985, 0.3530



58.0893, 0.3040, 0.2956

Square

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



58.0893, 0.2985, 0.3530



58.0893, 0.2733, 0.2989



58.0893, 0.3262, 0.3067



58.0893, 0.3536, 0.3580

Rectangle

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



58.0893, 0.2985, 0.3530



58.0893, 0.2738, 0.3200



58.0893, 0.3262, 0.3067



58.0893, 0.3532, 0.3358

Sweetspot

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



58.0917, 0.2985, 0.3530



97.2467, 0.3086, 0.3354



59.6709, 0.3250, 0.3746



20.7349, 0.3080, 0.3363



0.0000, 0.0000, 0.0000



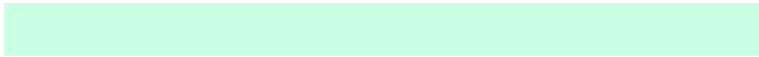
21.4041, 0.3127, 0.3290

Same Dimension

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



58.0917, 0.2985, 0.3530



89.5729, 0.2957, 0.3584



58.9456, 0.2867, 0.3297



13.3007, 0.3051, 0.3412



28.7227, 0.2734, 0.5042



1.6220, 0.2639, 0.4699

Inverse Universe

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



46.8487, 0.3298, 0.3062



68.8986, 0.3340, 0.3013



46.0904, 0.3460, 0.3283



11.9082, 0.3211, 0.3171



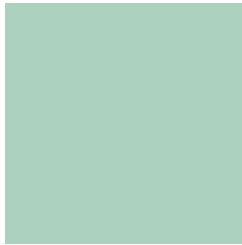
9.0373, 0.4887, 0.2466



0.5213, 0.4497, 0.2251

Previews

White Background



This preview shows how the Yxy color 58.0893, 0.2985, 0.3530 looks on a white background.

Color Contrast Check

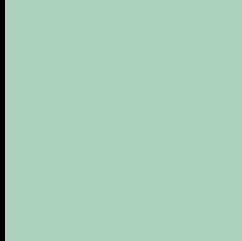
Large Text (above 18pt) WCAG AA × Fail

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 58.0893, 0.2985, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

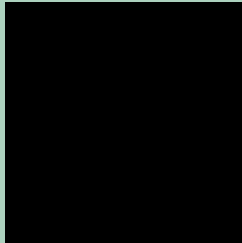
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

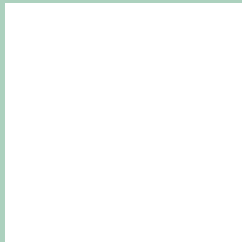
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0893, 0.2985, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 58.0893, 0.2985, 0.3530.

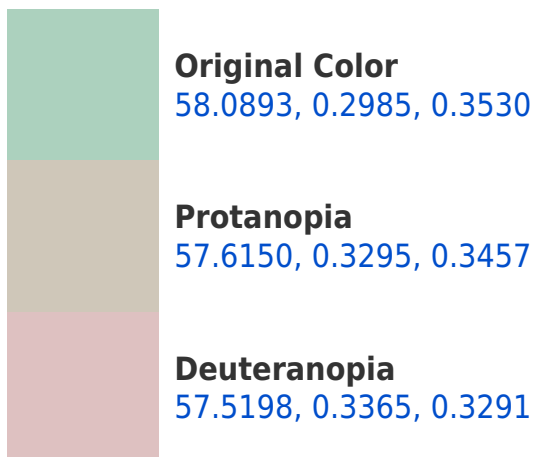


This preview shows how white text looks on a background with the Yxy color 58.0893, 0.2985, 0.3530.

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

57.8712, 0.2824, 0.3084

Trichromacy



Original Color

58.0893, 0.2985, 0.3530

Protanomaly

57.7691, 0.3172, 0.3486

Deuteranomaly

57.4900, 0.3218, 0.3374

Tritanomaly

58.0259, 0.2882, 0.3240

Monochromacy



Original Color

58.0893, 0.2985, 0.3530

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.2331, 0.3069, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0893, 0.2985, 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(172, 209, 190)` looks like.

```
.text, #text, p{  
    color:rgb(172, 209, 190)  
}
```

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(172, 209, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 209, 190) }
```

Border

The CSS property to change the border of an element to Yxy 58.0893, 0.2985, 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(172, 209, 190) }
```

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

```
.border{ border-color:rgb(172, 209, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 209, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 209, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 209, 190);  
box-shadow:4px 4px 4px 4px rgb(172, 209,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0893, 0.2985, 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(172, 209, 190) }
```

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

```
.background{ background-color: rgb(172,  
209, 190) }
```

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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