

Converting Colors

$Y_{xy}(55.5820, 0.2950, 0.3430)$

Have a look what the booklet for
Yxy(55.5820, 0.2950, 0.3430)
contains.

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Color

Yxy(55.5820, 0.2950, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	AACCC1
RGB	170, 204, 193
RGB Percent	67%, 80%, 76%
CMY	0.3331, 0.2000, 0.2431
CMYK	0.17, 0.00, 0.05, 0.20
HSL	161°, 25%, 73%
HSV	161°, 17%, 80%
XYZ	47.8038, 55.5820, 58.6609
YIQ	192.5800, -16.7330, -10.6290

Conversions

Conversions Part 2

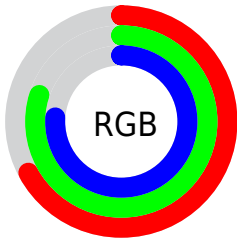
Format	Color
RYB	170, 190, 204
Decimal	11193537
CIELab	79.38, -13.47, 1.70
CIElCh	79, 13.579, 172.805
Yxy	55.5820, 0.2950, 0.3430
Android (android.graphics.Color)	4289383617 (0xFFAACC1)
YUV	192.5800, 0.2071, -19.8027
Hunter-Lab	74.5533, -16.0138, 5.5361

Details

The Yxy color **55.5820, 0.2950, 0.3430** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.9424, 0.3343, 0.3154**, and the grayscale version is **53.0813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5283, 0.2985, 0.3350**, and **27.4881, 0.2895, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **53.1953, 0.2851, 0.3526**, and if you desaturate by 10%, it is **58.3393, 0.3055, 0.3343**.

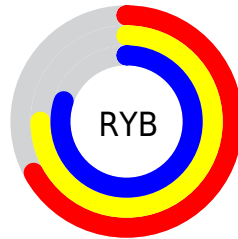
Distribution



Red (67%)

Green (80%)

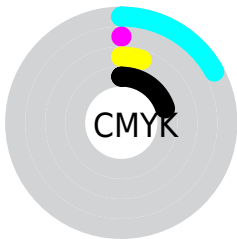
Blue (76%)



Red (67%)

Yellow (75%)

Blue (80%)

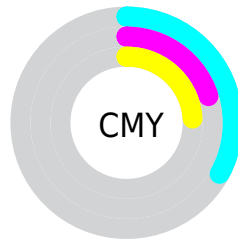


Cyan (17%)

Magenta (0%)

Yellow (5%)

Black (20%)



Cyan (33%)


Magenta (20%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5820, 0.2950, 0.3430 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 55.5820, 0.2950, 0.3430 by changing the saturation by 10% instead.


 55.5820, 0.2950,
0.3430

 55.5820, 0.2950,
0.3430


408.1143, 0.3036,
0.3362

 39.8679, 0.2929,
0.3447


 98.3932, 0.2981,
0.3405

 27.4356, 0.2903,
0.3468


126.2590, 0.2993,
0.3396

 17.9006, 0.2868,
0.3495


158.9442, 0.3003,
0.3388

 10.8786, 0.2821,
0.3533

196.8331, 0.3011,
0.3381

 5.9853, 0.2753,
0.3589

240.3102, 0.3019,
0.3376

 2.8361, 0.2647,
0.3676

289.7598, 0.3025,

 1.0468, 0.2421,

0.3370

0.3854

345.5664, 0.3031,
0.3366

0.0000, 0.0000,
0.0000

55.5820, 0.2950,
0.3430

55.5820, 0.2950,
0.3430

53.1953, 0.2851,
0.3526

58.3393, 0.3055,
0.3343

51.1560, 0.2760,
0.3629

61.4755, 0.3164,
0.3265

49.4485, 0.2681,
0.3741

65.0075, 0.3274,
0.3195

48.0537, 0.2617,
0.3858

68.9489, 0.3383,
0.3133

46.9504, 0.2570,
0.3979

69.9351, 0.3359,
0.3068

■ 46.1144, 0.2543,
0.4103

■ 70.3048, 0.3310,
0.3003

■ 45.5180, 0.2535,
0.4228

■ 70.6887, 0.3262,
0.2939

■ 45.1247, 0.2547,
0.4350

■ 71.0869, 0.3215,
0.2877

■ 45.0155, 0.2553,
0.4391

■ 71.4995, 0.3168,
0.2815

Harmonies

Analogous

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



55.5820, 0.3121, 0.3557



55.5820, 0.2950, 0.3430



55.5820, 0.2828, 0.3265

Triad

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



55.5820, 0.2950, 0.3430



55.5820, 0.2953, 0.2990



55.5820, 0.3482, 0.3453

Complementary

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



55.5820, 0.2950, 0.3430



44.9424, 0.3343, 0.3154

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.



55.5820, 0.3435, 0.3303



55.5820, 0.2950, 0.3430



55.5820, 0.3125, 0.3042

Square

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



55.5820, 0.2950, 0.3430



55.5820, 0.2829, 0.3014



55.5820, 0.3303, 0.3155



55.5820, 0.3431, 0.3565

Rectangle

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



55.5820, 0.2950, 0.3430



55.5820, 0.2789, 0.3159



55.5820, 0.3303, 0.3155



55.5820, 0.3477, 0.3405

Sweetspot

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



55.5843, 0.2950, 0.3430



97.3984, 0.3072, 0.3330



55.9544, 0.3194, 0.3724



20.7718, 0.3065, 0.3336



0.0000, 0.0000, 0.0000



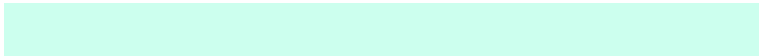
21.4041, 0.3127, 0.3290

Same Dimension

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



55.5843, 0.2950, 0.3430



90.5590, 0.2913, 0.3464



53.4528, 0.2875, 0.3217



12.6628, 0.3026, 0.3366



28.3532, 0.2548, 0.4374



1.4762, 0.2482, 0.4135

Inverse Universe

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



44.9424, 0.3343, 0.3154



69.6404, 0.3400, 0.3123



46.6764, 0.3430, 0.3361



11.2726, 0.3240, 0.3215



8.3433, 0.5656, 0.2889



0.4443, 0.5096, 0.2581

Previews

White Background



This preview shows how the Yxy color 55.5820, 0.2950, 0.3430 looks on a white background.

Color Contrast Check

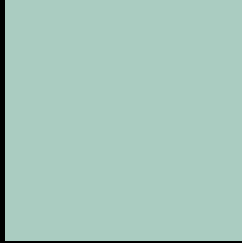
Large Text (above 18pt) WCAG AA × Fail

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 55.5820, 0.2950, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

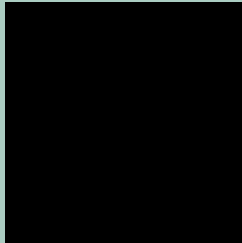
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

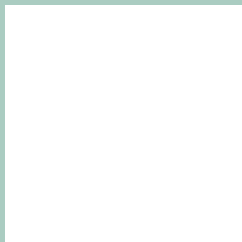
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5820, 0.2950, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 55.5820, 0.2950, 0.3430.

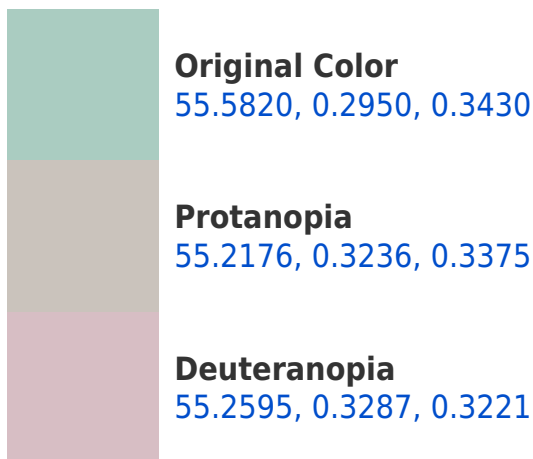


This preview shows how white text looks on a background with the Yxy color 55.5820, 0.2950, 0.3430.

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

55.2651, 0.2826, 0.3092

Trichromacy



Original Color

55.5820, 0.2950, 0.3430

Protanomaly

55.0530, 0.3123, 0.3389

Deuteranomaly

55.1125, 0.3159, 0.3290

Tritanomaly

55.2116, 0.2871, 0.3202

Monochromacy



Original Color

55.5820, 0.2950, 0.3430

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.0970, 0.3062, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5820, 0.2950, 0.3430 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(170, 204, 193)` looks like.

```
.text, #text, p{  
    color:rgb(170, 204, 193)  
}
```

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(170, 204, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 204, 193) }
```

Border

The CSS property to change the border of an element to Yxy 55.5820, 0.2950, 0.3430 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(170, 204, 193) }
```

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

```
.border{ border-color:rgb(170, 204, 193) }
```

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

Here you see how a box with a 4 pixel rgb(170, 204, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 204, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 204, 193);  
box-shadow:4px 4px 4px 4px rgb(170, 204,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5820, 0.2950, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 204, 193) }
```

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

```
.background{ background-color: rgb(170,  
204, 193) }
```

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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