

Converting Colors

$Yxy(55.1935, 0.2993, 0.3497)$

Have a look what the booklet for
Yxy(55.1935, 0.2993, 0.3497)
contains.

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Color

Yxy(55.4315, 0.2997, 0.3508)

Conversions

Conversions Part 1

Format	Color
Hex	ABCCBB
RGB	171, 204, 187
RGB Percent	67%, 80%, 73%
CMY	0.3294, 0.2000, 0.2666
CMYK	0.16, 0.00, 0.08, 0.20
HSL	149°, 24%, 74%
HSV	149°, 16%, 80%
XYZ	47.3570, 55.4315, 55.2261
YIQ	192.1950, -14.2110, -12.2830

Conversions

Conversions Part 2

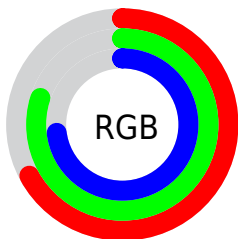
Format	Color
RYB	171, 193, 204
Decimal	11259067
CIELab	79.29, -14.34, 4.79
CIELCh	79, 15.123, 161.523
Yxy	55.4315, 0.2997, 0.3508
Android (android.graphics.Color)	4289449147 (0xFFABCCBB)
YUV	192.1950, -2.5611, -18.5880
Hunter-Lab	74.4523, -16.7529, 8.1374

Details

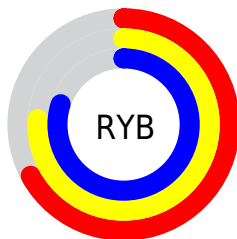
The Yxy color **55.4315, 0.2997, 0.3508** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.5910, 0.3281, 0.3082**, and the grayscale version is **52.8545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3220, 0.3024, 0.3411**, and **27.3855, 0.2957, 0.3570** is the 20% darker color. If you saturate the color by 10%, you get **52.8837, 0.2921, 0.3663**, and if you desaturate by 10%, it is **58.3704, 0.3077, 0.3369**.

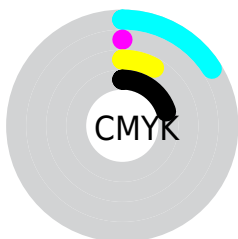
Distribution



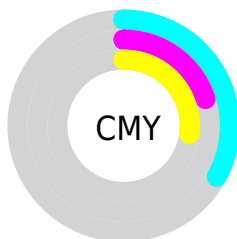
- Red (67%)
- Green (80%)
- Blue (73%)



- Red (67%)
- Yellow (76%)
- Blue (80%)



- Cyan (16%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)





- Cyan (33%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4315, 0.2997, 0.3508 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 55.4315, 0.2997, 0.3508 by changing the saturation by 10% instead.


 55.4315, 0.2997,
0.3508

 55.4315, 0.2997,
0.3508


407.5455, 0.3061,
0.3401

 39.7473, 0.2981,
0.3534

 98.1729, 0.3020,
0.3469

 27.3416, 0.2961,
0.3568


125.9989, 0.3029,
0.3455

 17.8299, 0.2935,
0.3613


158.6409, 0.3036,
0.3442

 10.8279, 0.2899,
0.3674

196.4833, 0.3043,
0.3432

 5.9513, 0.2846,
0.3765

239.9106, 0.3048,
0.3422

 2.8155, 0.2761,
0.3910

289.3072, 0.3053,

 1.0362, 0.2562,

0.3414

0.4233

345.0573, 0.3057,
0.3407

0.0000, 0.0000,
0.0000

55.4315, 0.2997,
0.3508

55.4315, 0.2997,
0.3508

52.8837, 0.2921,
0.3663

58.3704, 0.3077,
0.3369

50.7031, 0.2851,
0.3832

61.7092, 0.3158,
0.3244

48.8740, 0.2790,
0.4015

65.4651, 0.3239,
0.3134

47.3765, 0.2742,
0.4209

69.6523, 0.3318,
0.3037

46.1890, 0.2710,
0.4410

70.7101, 0.3260,
0.2937

■ 45.2870, 0.2697,
0.4612

■ 71.3505, 0.3185,
0.2838

■ 44.6420, 0.2703,
0.4810

■ 71.6682, 0.3151,
0.2792

■ 44.2184, 0.2729,
0.4998

■ 44.0896, 0.2741,
0.5068

Harmonies

Analogous

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



55.4315, 0.3196, 0.3621



55.4315, 0.2997, 0.3508



55.4315, 0.2836, 0.3332

Triad

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



55.4315, 0.2997, 0.3508



55.4315, 0.2873, 0.2956



55.4315, 0.3516, 0.3410

Complementary

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



55.4315, 0.2997, 0.3508



45.5910, 0.3281, 0.3082

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.



55.4315, 0.3424, 0.3239



55.4315, 0.2997, 0.3508



55.4315, 0.3049, 0.2984

Square

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



55.4315, 0.2997, 0.3508



55.4315, 0.2766, 0.3015



55.4315, 0.3251, 0.3086



55.4315, 0.3500, 0.3556

Rectangle

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



55.4315, 0.2997, 0.3508



55.4315, 0.2771, 0.3208



55.4315, 0.3251, 0.3086



55.4315, 0.3497, 0.3354

Sweetspot

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



55.4338, 0.2997, 0.3508



97.2461, 0.3086, 0.3354



56.8257, 0.3240, 0.3705



20.7348, 0.3080, 0.3363



0.0000, 0.0000, 0.0000



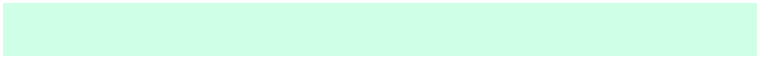
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4338, 0.2997, 0.3508



90.4377, 0.2973, 0.3554



56.1787, 0.2888, 0.3296



12.6262, 0.3051, 0.3412



27.7676, 0.2734, 0.5042



1.4478, 0.2632, 0.4676

Inverse Universe

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



45.5910, 0.3281, 0.3082



71.4646, 0.3316, 0.3040



44.9220, 0.3426, 0.3284



11.3084, 0.3211, 0.3171



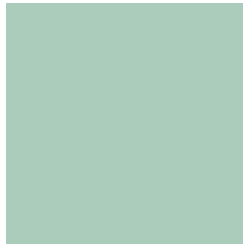
8.7405, 0.4881, 0.2463



0.4662, 0.4468, 0.2235

Previews

White Background



This preview shows how the Yxy color 55.4315, 0.2997, 0.3508 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 55.4315, 0.2997, 0.3508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

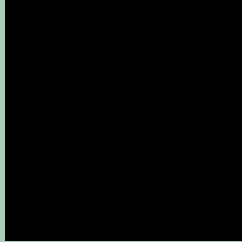
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

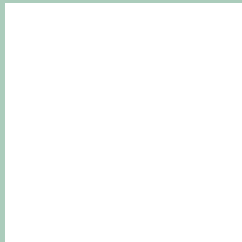
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.4315, 0.2997, 0.3508

Background



This preview shows how black text looks on a background with the Yxy color 55.4315, 0.2997, 0.3508.

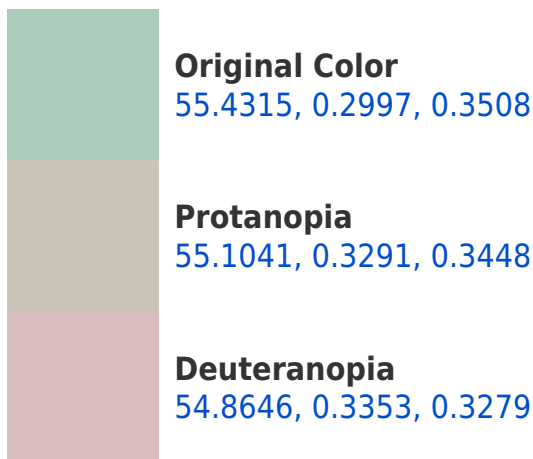


This preview shows how white text looks on a background with the Yxy color 55.4315, 0.2997, 0.3508.

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

55.4965, 0.2840, 0.3093

Trichromacy



Original Color

55.4315, 0.2997, 0.3508

Protanomaly

54.9252, 0.3174, 0.3464

Deuteranomaly

54.5371, 0.3213, 0.3351

Tritanomaly

55.1797, 0.2898, 0.3239

Monochromacy



Original Color

55.4315, 0.2997, 0.3508

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.3879, 0.3076, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4315, 0.2997, 0.3508 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(171, 204, 187)` looks like.

```
.text, #text, p{  
    color:rgb(171, 204, 187)  
}
```

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(171, 204, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 204, 187) }
```

Border

The CSS property to change the border of an element to Yxy 55.4315, 0.2997, 0.3508 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(171, 204, 187) }
```

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

```
.border{ border-color:rgb(171, 204, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 204, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 204, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 204, 187);  
box-shadow:4px 4px 4px 4px rgb(171, 204,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4315, 0.2997, 0.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 204, 187) }
```

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

```
.background{ background-color: rgb(171,  
204, 187) }
```

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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