

Converting Colors

$Y_{xy}(55.7538, 0.2998, 0.3536)$

Have a look what the booklet for
Yxy(55.7538, 0.2998, 0.3536)
contains.

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Color

Yxy(55.7539, 0.2997, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	AACDBA
RGB	170, 205, 186
RGB Percent	67%, 80%, 73%
CMY	0.3331, 0.1961, 0.2706
CMYK	0.17, 0.00, 0.09, 0.20
HSL	147°, 26%, 74%
HSV	147°, 17%, 80%
XYZ	47.2820, 55.7539, 54.7284
YIQ	192.3690, -14.7610, -13.3290

Conversions

Conversions Part 2

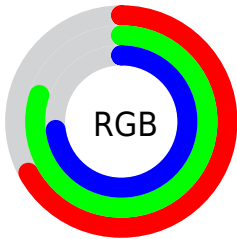
Format	Color
RYB	170, 194, 205
Decimal	11193786
CIELab	79.47, -15.35, 5.59
CIELCh	79, 16.334, 159.983
Yxy	55.7539, 0.2997, 0.3534
Android (android.graphics.Color)	4289383866 (0xFFAACDBA)
YUV	192.3690, -3.1399, -19.6176
Hunter-Lab	74.6685, -17.6393, 8.8113

Details

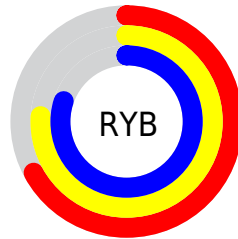
The Yxy color **55.7539, 0.2997, 0.3534** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.4257, 0.3282, 0.3058**, and the grayscale version is **52.9718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0996, 0.3023, 0.3421**, and **27.6086, 0.2956, 0.3606** is the 20% darker color. If you saturate the color by 10%, you get **53.1904, 0.2925, 0.3699**, and if you desaturate by 10%, it is **58.7152, 0.3073, 0.3385**.

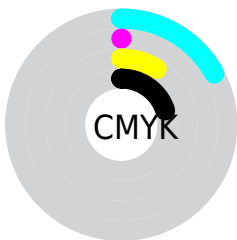
Distribution



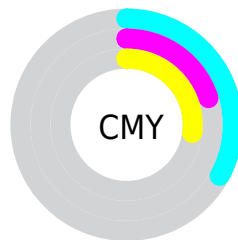
- Red (67%)
- Green (80%)
- Blue (73%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.7539, 0.2997, 0.3534 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 55.7539, 0.2997, 0.3534 by changing the saturation by 10% instead.

■ 55.7539, 0.2997,
0.3534

■ 55.7539, 0.2997,
0.3534

408.7634, 0.3061,
0.3414

■ 40.0056, 0.2981,
0.3564

■ 98.6447, 0.3020,
0.3491

■ 27.5429, 0.2961,
0.3601

126.5560, 0.3029,
0.3474

■ 17.9814, 0.2935,
0.3651

159.2904, 0.3036,
0.3460

■ 10.9366, 0.2898,
0.3721

197.2323, 0.3043,
0.3448

■ 6.0242, 0.2845,
0.3822

240.7662, 0.3048,
0.3438

■ 2.8598, 0.2759,
0.3986

290.2764, 0.3053,

■ 1.0590, 0.2558,

0.3429

0.4354

346.1474, 0.3057,
0.3421

0.0000, 0.0000,
0.0000

55.7539, 0.2997,
0.3534

55.7539, 0.2997,
0.3534

53.1904, 0.2925,
0.3699

58.7152, 0.3073,
0.3385

51.0006, 0.2858,
0.3880

62.0836, 0.3150,
0.3252

49.1679, 0.2802,
0.4076

65.8767, 0.3227,
0.3135

47.6724, 0.2758,
0.4282

70.1089, 0.3302,
0.3032

46.4914, 0.2729,
0.4495

71.3109, 0.3243,
0.2926

■ 45.5999, 0.2720,
0.4708

■ 71.9997, 0.3165,
0.2821

■ 44.9685, 0.2730,
0.4914

■ 72.1379, 0.3150,
0.2801

■ 44.5582, 0.2758,
0.5108

■ 44.4589, 0.2768,
0.5163

Harmonies

Analogous

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



55.7539, 0.3212, 0.3652



55.7539, 0.2997, 0.3534



55.7539, 0.2821, 0.3345

Triad

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



55.7539, 0.2997, 0.3534



55.7539, 0.2845, 0.2932



55.7539, 0.3545, 0.3409

Complementary

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



55.7539, 0.2997, 0.3534



45.4257, 0.3282, 0.3058

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.



55.7539, 0.3440, 0.3226



55.7539, 0.2997, 0.3534



55.7539, 0.3031, 0.2957

Square

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



55.7539, 0.2997, 0.3534



55.7539, 0.2735, 0.2999



55.7539, 0.3250, 0.3063



55.7539, 0.3533, 0.3569

Rectangle

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



55.7539, 0.2997, 0.3534



55.7539, 0.2747, 0.3211



55.7539, 0.3250, 0.3063



55.7539, 0.3522, 0.3348

Sweetspot

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



55.7562, 0.2997, 0.3534



97.2233, 0.3088, 0.3358



57.4160, 0.3255, 0.3727



20.7292, 0.3083, 0.3367



0.0000, 0.0000, 0.0000



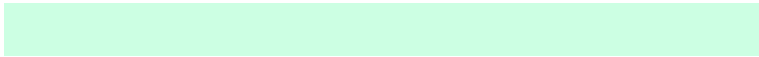
21.4041, 0.3127, 0.3290

Same Dimension

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



55.7562, 0.2997, 0.3534



89.9193, 0.2973, 0.3585



56.5341, 0.2883, 0.3311



12.6207, 0.3055, 0.3419



27.6990, 0.2760, 0.5137



1.4442, 0.2655, 0.4757

Inverse Universe

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



45.4257, 0.3282, 0.3058



70.2556, 0.3317, 0.3012



44.7209, 0.3435, 0.3269



11.3139, 0.3206, 0.3165



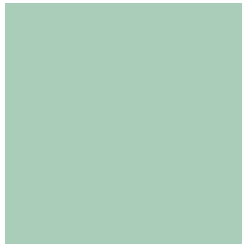
8.8193, 0.4760, 0.2396



0.4702, 0.4377, 0.2185

Previews

White Background



This preview shows how the Yxy color 55.7539, 0.2997, 0.3534 looks on a white background.

Color Contrast Check

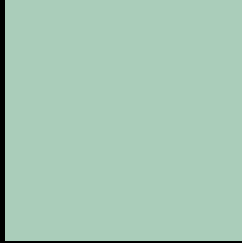
Large Text (above 18pt) WCAG AA × Fail

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 55.7539, 0.2997, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

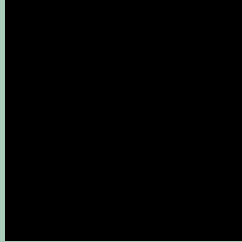
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

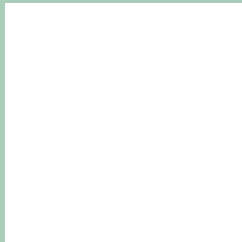
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7539, 0.2997, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 55.7539, 0.2997, 0.3534.



This preview shows how white text looks on a background with the Yxy color 55.7539, 0.2997, 0.3534.

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

55.7539, 0.2997, 0.3534

Protanopia

55.6534, 0.3305, 0.3472

Deuteranopia

55.4065, 0.3368, 0.3302



Tritanopia

55.8970, 0.2827, 0.3093

Trichromacy



Original Color

55.7539, 0.2997, 0.3534

Protanomaly

55.4722, 0.3189, 0.3488

Deuteranomaly

55.0786, 0.3228, 0.3375

Tritanomaly

55.5815, 0.2885, 0.3239

Monochromacy



Original Color

55.7539, 0.2997, 0.3534

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.8406, 0.3076, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7539, 0.2997, 0.3534 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, 205, 186)` looks like.

```
.text, #text, p{  
    color:rgb(170, 205, 186)  
}
```

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, 205, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 205, 186) }
```

Border

The CSS property to change the border of an element to Yxy 55.7539, 0.2997, 0.3534 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, 205, 186) }
```

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

```
.border{ border-color:rgb(170, 205, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 205, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 205, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 205, 186); box-shadow:4px 4px 4px 4px rgb(170, 205, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7539, 0.2997, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 205, 186) }
```

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

```
.background{ background-color: rgb(170,  
205, 186) }
```

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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