

Converting Colors

$Yxy(53.8535, 0.2994, 0.3516)$

Have a look what the booklet for
Yxy(53.8535, 0.2994, 0.3516)
contains.

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Color

Yxy(54.0266, 0.2995, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	A8CAB8
RGB	168, 202, 184
RGB Percent	66%, 79%, 72%
CMY	0.3413, 0.2078, 0.2783
CMYK	0.17, 0.00, 0.09, 0.21
HSL	148°, 24%, 73%
HSV	148°, 17%, 79%
XYZ	45.9165, 54.0266, 53.3674
YIQ	189.7820, -14.4860, -12.8060

Conversions

Conversions Part 2

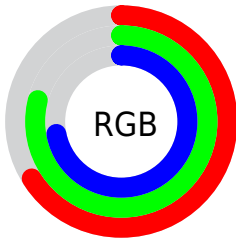
Format	Color
RYB	168, 191, 202
Decimal	11061944
CIELab	78.48, -14.90, 5.20
CIELCh	78, 15.786, 160.757
Yxy	54.0266, 0.2995, 0.3524
Android (android.graphics.Color)	4289252024 (0xFFA8CAB8)
YUV	189.7820, -2.8505, -19.1028
Hunter-Lab	73.5028, -17.1227, 8.4039

Details

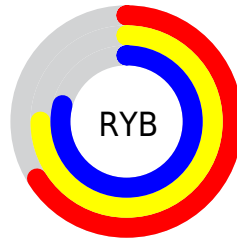
The Yxy color **54.0266, 0.2995, 0.3524** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.0930, 0.3284, 0.3067**, and the grayscale version is **51.3817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4992, 0.3016, 0.3443**, and **26.5315, 0.2964, 0.3592** is the 20% darker color. If you saturate the color by 10%, you get **51.5509, 0.2921, 0.3684**, and if you desaturate by 10%, it is **56.8850, 0.3073, 0.3380**.

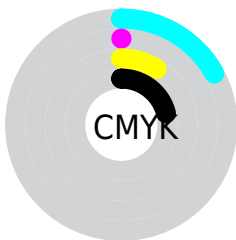
Distribution



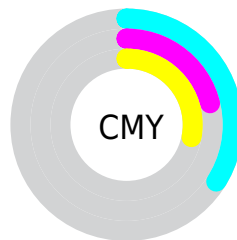
- Red (66%)
- Green (79%)
- Blue (72%)



- Red (66%)
- Yellow (75%)
- Blue (79%)



- Cyan (17%)
- Magenta (0%)
- Yellow (9%)
- Black (21%)




- Cyan (34%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0266, 0.2995, 0.3524 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 54.0266, 0.2995, 0.3524 by changing the saturation by 10% instead.


 54.0266, 0.2995,
0.3524


 54.0266, 0.2995,
0.3524


402.2114, 0.3060,
0.3408

 38.6229, 0.2979,
0.3553


 96.1133, 0.3019,
0.3482

 26.4665, 0.2958,
0.3589


 123.5651, 0.3028,
0.3466

 17.1730, 0.2931,
0.3638


155.8018, 0.3035,
0.3453

 10.3579, 0.2893,
0.3706

193.2077, 0.3042,
0.3441

 5.6369, 0.2838,
0.3806

236.1672, 0.3047,
0.3431

 2.6256, 0.2748,
0.3969

285.0647, 0.3052,

 0.9395, 0.2485,

0.3423

0.4420

340.2847, 0.3057,
0.3415

0.0000, 0.0000,
0.0000

54.0266, 0.2995,
0.3524

54.0266, 0.2995,
0.3524

51.5509, 0.2921,
0.3684

56.8850, 0.3073,
0.3380

49.4344, 0.2853,
0.3859

60.1349, 0.3152,
0.3251

47.6617, 0.2794,
0.4048

63.7932, 0.3231,
0.3137

46.2133, 0.2749,
0.4248

67.8738, 0.3308,
0.3037

45.0677, 0.2719,
0.4454

69.6435, 0.3277,
0.2937

■ 44.2007, 0.2708,
0.4662

■ 70.2874, 0.3200,
0.2836

■ 43.5843, 0.2716,
0.4864

■ 70.7264, 0.3151,
0.2772

■ 43.1814, 0.2743,
0.5054

■ 43.0778, 0.2753,
0.5112

Harmonies

Analogous

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



54.0266, 0.3205, 0.3641



54.0266, 0.2995, 0.3524



54.0266, 0.2825, 0.3339

Triad

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



54.0266, 0.2995, 0.3524



54.0266, 0.2855, 0.2940



54.0266, 0.3536, 0.3411

Complementary

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



54.0266, 0.2995, 0.3524



44.0930, 0.3284, 0.3067

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.



54.0266, 0.3436, 0.3232



54.0266, 0.2995, 0.3524



54.0266, 0.3039, 0.2966

Square

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



54.0266, 0.2995, 0.3524



54.0266, 0.2746, 0.3003



54.0266, 0.3252, 0.3072



54.0266, 0.3521, 0.3567

Rectangle

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



54.0266, 0.2995, 0.3524



54.0266, 0.2754, 0.3208



54.0266, 0.3252, 0.3072



54.0266, 0.3515, 0.3352

Sweetspot

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



54.0289, 0.2995, 0.3524



97.2352, 0.3087, 0.3356



55.5266, 0.3249, 0.3722



20.7321, 0.3081, 0.3365



0.0000, 0.0000, 0.0000



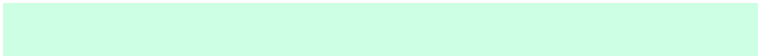
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0289, 0.2995, 0.3524



89.9619, 0.2969, 0.3577



54.7784, 0.2882, 0.3304



12.6236, 0.3053, 0.3415



27.7343, 0.2747, 0.5088



1.4461, 0.2643, 0.4715

Inverse Universe

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



44.0930, 0.3284, 0.3067



70.2121, 0.3323, 0.3020



43.4181, 0.3436, 0.3277



11.3111, 0.3209, 0.3168



8.7775, 0.4823, 0.2431



0.4681, 0.4424, 0.2211

Previews

White Background



This preview shows how the Yxy color 54.0266, 0.2995, 0.3524 looks on a white background.

Color Contrast Check

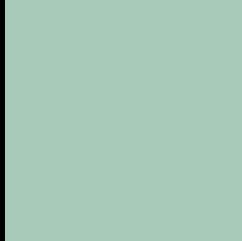
Large Text (above 18pt) WCAG AA × Fail

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 54.0266, 0.2995, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

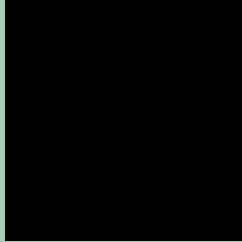
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

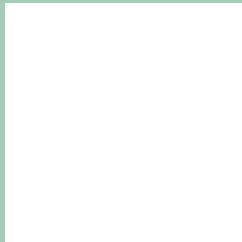
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0266, 0.2995, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 54.0266, 0.2995, 0.3524.

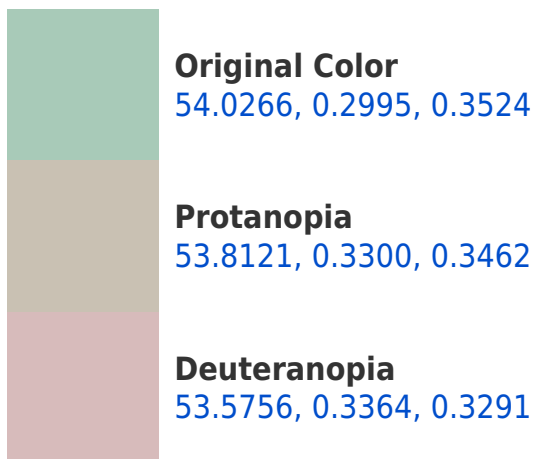


This preview shows how white text looks on a background with the Yxy color 54.0266, 0.2995, 0.3524.

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

54.0765, 0.2836, 0.3103

Trichromacy



Original Color

54.0266, 0.2995, 0.3524

Protanomaly

53.6349, 0.3182, 0.3479

Deuteranomaly

53.2502, 0.3222, 0.3364

Tritanomaly

53.7690, 0.2895, 0.3251

Monochromacy



Original Color

54.0266, 0.2995, 0.3524

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.1595, 0.3076, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0266, 0.2995, 0.3524 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(168, 202, 184)` looks like.

```
.text, #text, p{  
    color:rgb(168, 202, 184)  
}
```

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(168, 202, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 202, 184) }
```

Border

The CSS property to change the border of an element to Yxy 54.0266, 0.2995, 0.3524 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(168, 202, 184) }
```

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

```
.border{ border-color:rgb(168, 202, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 202, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 202, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 202, 184); box-shadow:4px 4px 4px 4px rgb(168, 202, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0266, 0.2995, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 202, 184) }
```

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

```
.background{ background-color: rgb(168,  
202, 184) }
```

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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