

Converting Colors

$Yxy(54.0500, 0.2953, 0.3779)$

Have a look what the booklet for
Yxy(54.0500, 0.2953, 0.3779)
contains.

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Color

Yxy(54.0500, 0.2953, 0.3779)

Conversions

Conversions Part 1

Format	Color
Hex	96CFAB
RGB	150, 207, 171
RGB Percent	59%, 81%, 67%
CMY	0.4119, 0.1882, 0.3294
CMYK	0.28, 0.00, 0.17, 0.19
HSL	142°, 37%, 70%
HSV	142°, 28%, 81%
XYZ	42.2359, 54.0500, 46.7413
YIQ	185.8530, -22.4160, -23.2800

Conversions

Conversions Part 2

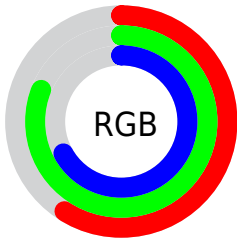
Format	Color
RYB	150, 192, 207
Decimal	9883563
CIELab	78.49, -25.74, 12.04
CIELCh	78, 28.416, 154.926
Yxy	54.0500, 0.2953, 0.3779
Android (android.graphics.Color)	4288073643 (0xFF96CFAB)
YUV	185.8530, -7.3225, -31.4431
Hunter-Lab	73.5187, -26.1108, 13.7680

Details

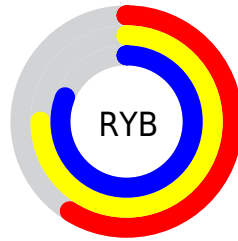
The Yxy color **54.0500, 0.2953, 0.3779** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.6089, 0.3355, 0.2848**, and the grayscale version is **49.0641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9901, 0.2986, 0.3599**, and **26.3851, 0.2903, 0.3909** is the 20% darker color. If you saturate the color by 10%, you get **51.7857, 0.2897, 0.3993**, and if you desaturate by 10%, it is **56.7149, 0.3014, 0.3584**.

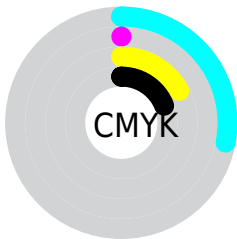
Distribution



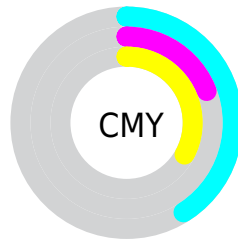
- Red (59%)
- Green (81%)
- Blue (67%)



- Red (59%)
- Yellow (75%)
- Blue (81%)



- Cyan (28%)
- Magenta (0%)
- Yellow (17%)
- Black (19%)




- Cyan (41%)
- Magenta (19%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0500, 0.2953, 0.3779 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 54.0500, 0.2953, 0.3779 by changing the saturation by 10% instead.


 54.0500, 0.2953,
0.3779

 54.0500, 0.2953,
0.3779


402.3006, 0.3042,
0.3532

 38.6416, 0.2930,
0.3841


 96.1477, 0.2986,
0.3689

 26.4811, 0.2901,
0.3921


 123.6057, 0.2998,
0.3655

 17.1839, 0.2861,
0.4029


155.8492, 0.3008,
0.3627

 10.3657, 0.2805,
0.4180


193.2624, 0.3017,
0.3602

 5.6421, 0.2718,
0.4407

236.2297, 0.3024,
0.3581

 2.6287, 0.2572,
0.4786

285.1356, 0.3031,

 0.9411, 0.1910,

0.3563

0.6781

340.3645, 0.3037,
0.3547

0.0000, 0.0000,
0.0000

54.0500, 0.2953,
0.3779

54.0500, 0.2953,
0.3779

51.7857, 0.2897,
0.3993

56.7149, 0.3014,
0.3584

49.8956, 0.2849,
0.4222

59.7919, 0.3078,
0.3409

48.3605, 0.2813,
0.4464


63.3004, 0.3143,
0.3254

47.1567, 0.2792,
0.4710


67.2565, 0.3207,
0.3117


46.2576, 0.2788,
0.4952


71.6756, 0.3269,
0.2997

 45.6321, 0.2803,
0.5179

 72.7548, 0.3188,
0.2874

 45.2373, 0.2834,
0.5383

 73.1116, 0.3149,
0.2821

 45.1591, 0.2841,
0.5429

Harmonies

Analogous

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



54.0500, 0.3329, 0.3958



54.0500, 0.2953, 0.3779



54.0500, 0.2637, 0.3443

Triad

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



54.0500, 0.2953, 0.3779



54.0500, 0.2595, 0.2682



54.0500, 0.3850, 0.3428

Complementary

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



54.0500, 0.2953, 0.3779



38.6089, 0.3355, 0.2848

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.



54.0500, 0.3630, 0.3122



54.0500, 0.2953, 0.3779



54.0500, 0.2893, 0.2706

Square

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



54.0500, 0.2953, 0.3779



54.0500, 0.2440, 0.2810



54.0500, 0.3272, 0.2865



54.0500, 0.3860, 0.3721

Rectangle

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



54.0500, 0.2953, 0.3779



54.0500, 0.2497, 0.3197



54.0500, 0.3272, 0.2865



54.0500, 0.3798, 0.3324

Sweetspot

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



54.0523, 0.2953, 0.3779



95.5327, 0.3075, 0.3418



57.2827, 0.3369, 0.4013



20.2790, 0.3065, 0.3444



0.0000, 0.0000, 0.0000



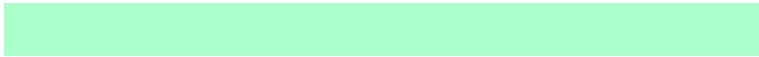
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0523, 0.2953, 0.3779



84.4211, 0.2919, 0.3902



55.2538, 0.2775, 0.3389



13.2774, 0.3066, 0.3440



28.4653, 0.2834, 0.5404



1.6067, 0.2729, 0.5025

Inverse Universe

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



38.6089, 0.3355, 0.2848



55.7078, 0.3418, 0.2751



37.5193, 0.3642, 0.3195



11.9319, 0.3193, 0.3144



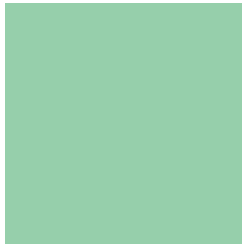
9.4022, 0.4405, 0.2200



0.5407, 0.4129, 0.2048

Previews

White Background



This preview shows how the Yxy color 54.0500, 0.2953, 0.3779 looks on a white background.

Color Contrast Check

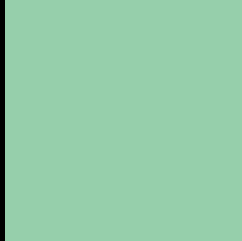
Large Text (above 18pt) WCAG AA × Fail

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 54.0500, 0.2953, 0.3779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

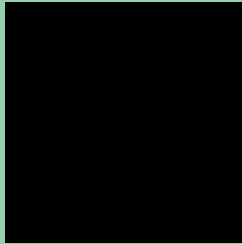
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0500, 0.2953, 0.3779

Background



This preview shows how black text looks on a background with the Yxy color 54.0500, 0.2953, 0.3779.



This preview shows how white text looks on a background with the Yxy color 54.0500, 0.2953, 0.3779.

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

54.0500, 0.2953, 0.3779

Protanopia

53.6576, 0.3444, 0.3647

Deuteranopia

53.6959, 0.3498, 0.3432



Tritanopia

54.1540, 0.2719, 0.3087

Trichromacy



Original Color

54.0500, 0.2953, 0.3779

Protanomaly

53.3685, 0.3244, 0.3688

Deuteranomaly

53.1089, 0.3279, 0.3541

Tritanomaly

53.9499, 0.2806, 0.3328

Monochromacy



Original Color

54.0500, 0.2953, 0.3779

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.8040, 0.3056, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0500, 0.2953, 0.3779 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(150, 207, 171)` looks like.

```
.text, #text, p{  
    color:rgb(150, 207, 171)  
}
```

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(150, 207, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 207, 171) }
```

Border

The CSS property to change the border of an element to Yxy 54.0500, 0.2953, 0.3779 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(150, 207, 171) }
```

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

```
.border{ border-color:rgb(150, 207, 171) }
```

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

Here you see how a box with a 4 pixel rgb(150, 207, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 207, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 207, 171);  
box-shadow:4px 4px 4px 4px rgb(150, 207,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0500, 0.2953, 0.3779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 207, 171) }
```

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

```
.background{ background-color: rgb(150,  
207, 171) }
```

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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