

Converting Colors

$Yxy(54.2571, 0.2912, 0.3684)$

Have a look what the booklet for
Yxy(54.2571, 0.2912, 0.3684)
contains.

Yxy(54.3240, 0.2908, 0.3681)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.3240, 0.2908, 0.3681)

Conversions

Conversions Part 1

Format	Color
Hex	96CFB2
RGB	150, 207, 178
RGB Percent	59%, 81%, 70%
CMY	0.4120, 0.1882, 0.3020
CMYK	0.28, 0.00, 0.14, 0.19
HSL	149°, 37%, 70%
HSV	149°, 28%, 81%
XYZ	42.9161, 54.3240, 50.3394
YIQ	186.6510, -24.6630, -21.1030

Conversions

Conversions Part 2

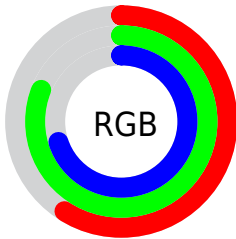
Format	Color
RYB	150, 188, 207
Decimal	9883570
CIELab	78.65, -24.39, 8.54
CIELCh	79, 25.841, 160.698
Yxy	54.3240, 0.2908, 0.3681
Android (android.graphics.Color)	4288073650 (0xFF96CFB2)
YUV	186.6510, -4.2649, -32.1429
Hunter-Lab	73.7048, -25.0482, 11.0991

Details

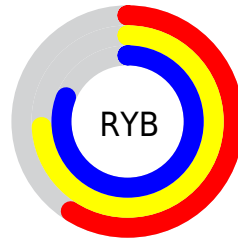
The Yxy color **54.3240, 0.2908, 0.3681** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.3116, 0.3424, 0.2930**, and the grayscale version is **49.5153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4396, 0.2943, 0.3512**, and **26.4785, 0.2845, 0.3793** is the 20% darker color. If you saturate the color by 10%, you get **52.1271, 0.2838, 0.3851**, and if you desaturate by 10%, it is **56.9047, 0.2984, 0.3526**.

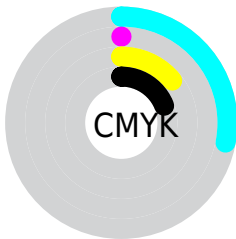
Distribution



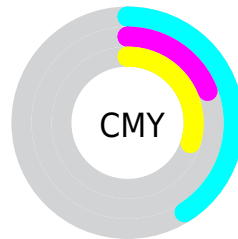
- Red (59%)
- Green (81%)
- Blue (70%)



- Red (59%)
- Yellow (74%)
- Blue (81%)



- Cyan (28%)
- Magenta (0%)
- Yellow (14%)
- Black (19%)




- Cyan (41%)
- Magenta (19%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3240, 0.2908, 0.3681 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 54.3240, 0.2908, 0.3681 by changing the saturation by 10% instead.

 54.3240, 0.2908,
0.3681


 54.3240, 0.2908,
0.3681


403.3443, 0.3017,
0.3485

 38.8608, 0.2881,
0.3730

 96.5498, 0.2948,
0.3610

 26.6514, 0.2846,
0.3793


 124.0811, 0.2963,
0.3583

 17.3116, 0.2800,
0.3877


156.4040, 0.2975,
0.3560

 10.4569, 0.2735,
0.3994

193.9027, 0.2986,
0.3541

 5.7029, 0.2640,
0.4170

236.9617, 0.2995,
0.3524

 2.6653, 0.2483,
0.4460

285.9654, 0.3004,

 0.9596, 0.1831,

0.3510

0.5579

341.2981, 0.3011,
0.3497

0.0000, 0.0000,
0.0000

54.3240, 0.2908,
0.3681

54.3240, 0.2908,
0.3681

52.1271, 0.2838,
0.3851

56.9047, 0.2984,
0.3526

50.2884, 0.2779,
0.4033

59.8800, 0.3065,
0.3386

48.7892, 0.2732,
0.4226


63.2688, 0.3147,
0.3261

47.6069, 0.2702,
0.4425

67.0866, 0.3229,
0.3150


46.7154, 0.2692,
0.4625

71.3481, 0.3310,
0.3053


 46.0848, 0.2701,
0.4820

 72.2542, 0.3246,
0.2952

 45.6730, 0.2728,
0.5005

 72.9020, 0.3172,
0.2852

 45.5894, 0.2736,
0.5049

 73.1146, 0.3149,
0.2821

Harmonies

Analogous

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



54.3240, 0.3247, 0.3877



54.3240, 0.2908, 0.3681



54.3240, 0.2638, 0.3365

Triad

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



54.3240, 0.2908, 0.3681



54.3240, 0.2686, 0.2729



54.3240, 0.3800, 0.3473

Complementary

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



54.3240, 0.2908, 0.3681



38.3116, 0.3424, 0.2930

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.



54.3240, 0.3634, 0.3190



54.3240, 0.2908, 0.3681



54.3240, 0.2978, 0.2775

Square

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



54.3240, 0.2908, 0.3681



54.3240, 0.2516, 0.2820



54.3240, 0.3327, 0.2941



54.3240, 0.3772, 0.3729

Rectangle

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



54.3240, 0.2908, 0.3681



54.3240, 0.2528, 0.3146



54.3240, 0.3327, 0.2941



54.3240, 0.3765, 0.3378

Sweetspot

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



54.3263, 0.2908, 0.3681



95.6841, 0.3061, 0.3393



56.4690, 0.3316, 0.4026



20.3170, 0.3048, 0.3413



0.0000, 0.0000, 0.0000



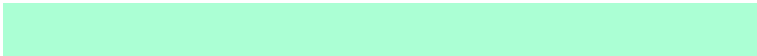
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3263, 0.2908, 0.3681



84.9255, 0.2866, 0.3778



55.5716, 0.2734, 0.3301



13.3018, 0.3050, 0.3411



28.7366, 0.2729, 0.5024



1.6228, 0.2634, 0.4683

Inverse Universe

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



38.3116, 0.3424, 0.2930



55.1655, 0.3508, 0.2851



37.2892, 0.3712, 0.3280



11.9071, 0.3212, 0.3172



9.0227, 0.4909, 0.2478



0.5205, 0.4514, 0.2260

Previews

White Background



This preview shows how the Yxy color 54.3240, 0.2908, 0.3681 looks on a white background.

Color Contrast Check

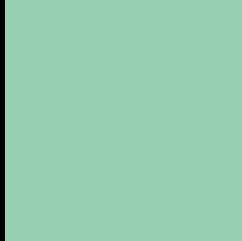
Large Text (above 18pt) WCAG AA × Fail

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 54.3240, 0.2908, 0.3681 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

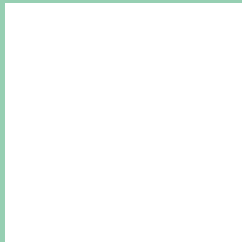
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3240, 0.2908, 0.3681

Background



This preview shows how black text looks on a background with the Yxy color 54.3240, 0.2908, 0.3681.



This preview shows how white text looks on a background with the Yxy color 54.3240, 0.2908, 0.3681.

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

54.3240, 0.2908, 0.3681

Protanopia

53.7767, 0.3380, 0.3560

Deuteranopia

53.6698, 0.3422, 0.3350



Tritanopia

54.1043, 0.2707, 0.3074

Trichromacy



Original Color

54.3240, 0.2908, 0.3681

Protanomaly

53.6345, 0.3192, 0.3597

Deuteranomaly

53.2572, 0.3217, 0.3452

Tritanomaly

53.9922, 0.2781, 0.3289

Monochromacy



Original Color

54.3240, 0.2908, 0.3681

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.0429, 0.3042, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3240, 0.2908, 0.3681 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(150, 207, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 207, 178) }
```

Border

The CSS property to change the border of an element to Yxy 54.3240, 0.2908, 0.3681 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, 178) }
```

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

```
.border{ border-color:rgb(150, 207, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 207, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 207, 178);  
box-shadow:4px 4px 4px 4px rgb(150, 207,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3240, 0.2908, 0.3681 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, 178) }
```

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

```
.background{ background-color: rgb(150,  
207, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor