

Converting Colors

$Yxy(54.2216, 0.2877, 0.3656)$

Have a look what the booklet for
Yxy(54.2216, 0.2877, 0.3656)
contains.

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Color

Yxy(54.1240, 0.2876, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	93CFB4
RGB	147, 207, 180
RGB Percent	58%, 81%, 71%
CMY	0.4233, 0.1882, 0.2942
CMYK	0.29, 0.00, 0.13, 0.19
HSL	153°, 38%, 69%
HSV	153°, 29%, 81%
XYZ	42.5884, 54.1240, 51.3697
YIQ	185.9820, -27.0930, -21.1170

Conversions

Conversions Part 2

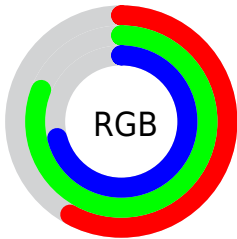
Format	Color
RYB	147, 186, 207
Decimal	9686964
CIELab	78.53, -24.87, 7.29
CIELCh	79, 25.913, 163.654
Yxy	54.1240, 0.2876, 0.3655
Android (android.graphics.Color)	4287877044 (0xFF93CFB4)
YUV	185.9820, -2.9491, -34.1872
Hunter-Lab	73.5690, -25.4138, 10.0990

Details

The Yxy color **54.1240, 0.2876, 0.3655** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.2073, 0.3478, 0.2953**, and the grayscale version is **49.1263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1327, 0.2915, 0.3491**, and **26.3685, 0.2804, 0.3758** is the 20% darker color. If you saturate the color by 10%, you get **52.0133, 0.2801, 0.3806**, and if you desaturate by 10%, it is **56.6091, 0.2959, 0.3517**.

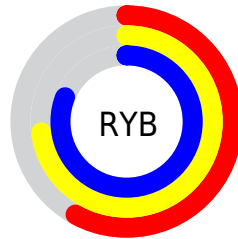
Distribution



Red (58%)

Green (81%)

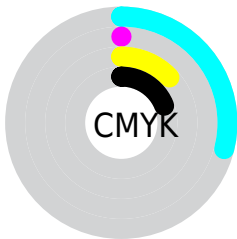
Blue (71%)



Red (58%)

Yellow (73%)

Blue (81%)

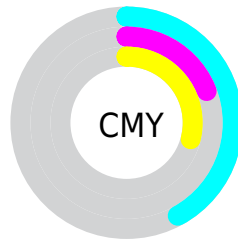


Cyan (29%)

Magenta (0%)

Yellow (13%)

Black (19%)



Cyan (42%)


Magenta (19%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1240, 0.2876, 0.3655 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 54.1240, 0.2876, 0.3655 by changing the saturation by 10% instead.


 54.1240, 0.2876,
0.3655


 54.1240, 0.2876,
0.3655


402.5827, 0.3001,
0.3473

 38.7008, 0.2845,
0.3701


 96.2563, 0.2921,
0.3589

 26.5271, 0.2806,
0.3759


 123.7342, 0.2938,
0.3564

 17.2183, 0.2754,
0.3837


155.9991, 0.2952,
0.3543

 10.3903, 0.2682,
0.3946

193.4354, 0.2965,
0.3525

 5.6585, 0.2576,
0.4108

236.4275, 0.2975,
0.3509

 2.6386, 0.2404,
0.4376

285.3598, 0.2985,

 0.9461, 0.1657,

0.3495

0.5388

340.6168, 0.2993,
0.3483

0.0000, 0.0000,
0.0000

54.1240, 0.2876,
0.3655

54.1240, 0.2876,
0.3655

52.0133, 0.2801,
0.3806

56.6091, 0.2959,
0.3517

50.2514, 0.2738,
0.3967

59.4795, 0.3046,
0.3391

48.8197, 0.2688,
0.4138


62.7538, 0.3137,
0.3279

47.6953, 0.2656,
0.4313

66.4475, 0.3227,
0.3179

46.8522, 0.2644,
0.4490


70.5753, 0.3317,
0.3091

 46.2596, 0.2652,
0.4665


 71.9376, 0.3283,
0.3001

 45.8681, 0.2678,
0.4832

 72.4941, 0.3216,
0.2912

 45.8320, 0.2681,
0.4850

 73.0794, 0.3152,
0.2825

 73.1040, 0.3149,
0.2821

Harmonies

Analogous

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



54.1240, 0.3213, 0.3868



54.1240, 0.2876, 0.3655



54.1240, 0.2616, 0.3332

Triad

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



54.1240, 0.2876, 0.3655



54.1240, 0.2709, 0.2725



54.1240, 0.3809, 0.3501

Complementary

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



54.1240, 0.2876, 0.3655



37.2073, 0.3478, 0.2953

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.



54.1240, 0.3660, 0.3217



54.1240, 0.2876, 0.3655



54.1240, 0.3011, 0.2785

Square

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



54.1240, 0.2876, 0.3655



54.1240, 0.2524, 0.2803



54.1240, 0.3362, 0.2961



54.1240, 0.3761, 0.3752

Rectangle

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



54.1240, 0.2876, 0.3655



54.1240, 0.2515, 0.3115



54.1240, 0.3362, 0.2961



54.1240, 0.3780, 0.3407

Sweetspot

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



54.1262, 0.2876, 0.3655



95.2557, 0.3045, 0.3393



55.8492, 0.3301, 0.4073



20.2354, 0.3032, 0.3411



0.0000, 0.0000, 0.0000



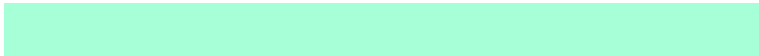
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1262, 0.2876, 0.3655



84.4946, 0.2827, 0.3751



54.3746, 0.2708, 0.3263



13.3134, 0.3042, 0.3397



28.8966, 0.2674, 0.4827



1.6316, 0.2588, 0.4517

Inverse Universe

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



37.2073, 0.3478, 0.2953



52.8968, 0.3586, 0.2875



36.8839, 0.3756, 0.3317



11.8956, 0.3221, 0.3186



8.8776, 0.5152, 0.2612



0.5123, 0.4705, 0.2366

Previews

White Background



This preview shows how the Yxy color 54.1240, 0.2876, 0.3655 looks on a white background.

Color Contrast Check

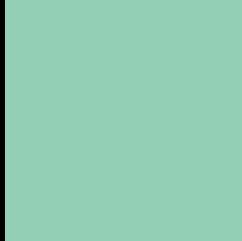
Large Text (above 18pt) WCAG AA × Fail

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 54.1240, 0.2876, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

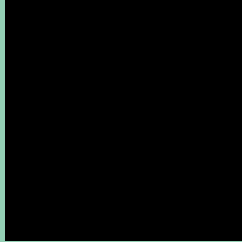
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

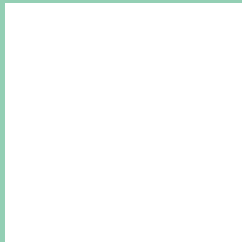
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1240, 0.2876, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 54.1240, 0.2876, 0.3655.



This preview shows how white text looks on a background with the Yxy color 54.1240, 0.2876, 0.3655.

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



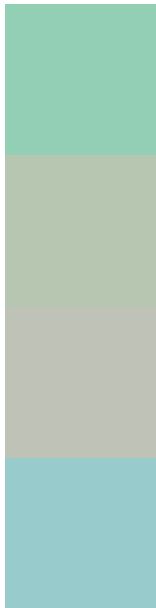
Original Color
54.1240, 0.2876, 0.3655
Protanopia
53.7136, 0.3355, 0.3536
Deuteranopia
53.6003, 0.3397, 0.3326



Tritanopia

54.2716, 0.2689, 0.3086

Trichromacy



Original Color

54.1240, 0.2876, 0.3655

Protanomaly

53.4678, 0.3161, 0.3572

Deuteranomaly

53.0788, 0.3185, 0.3428

Tritanomaly

54.2208, 0.2756, 0.3289

Monochromacy



Original Color

54.1240, 0.2876, 0.3655

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.8149, 0.3026, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1240, 0.2876, 0.3655 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(147, 207, 180)` looks like.

```
.text, #text, p{  
    color:rgb(147, 207, 180)  
}
```

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(147, 207, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 207, 180) }
```

Border

The CSS property to change the border of an element to Yxy 54.1240, 0.2876, 0.3655 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(147, 207, 180) }
```

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

```
.border{ border-color:rgb(147, 207, 180) }
```

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

Here you see how a box with a 4 pixel rgb(147, 207, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 207, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 207, 180);  
box-shadow:4px 4px 4px 4px rgb(147, 207,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1240, 0.2876, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 207, 180) }
```

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

```
.background{ background-color: rgb(147,  
207, 180) }
```

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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