

Converting Colors

$Yxy(53.7562, 0.2817, 0.3582)$

Have a look what the booklet for
Yxy(53.7562, 0.2817, 0.3582)
contains.

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Color

Yxy(53.9681, 0.2818, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	8FCFB9
RGB	143, 207, 185
RGB Percent	56%, 81%, 73%
CMY	0.4392, 0.1882, 0.2745
CMYK	0.31, 0.00, 0.11, 0.19
HSL	159°, 40%, 69%
HSV	159°, 31%, 81%
XYZ	42.3981, 53.9681, 54.0885
YIQ	185.3560, -31.0820, -20.4100

Conversions

Conversions Part 2

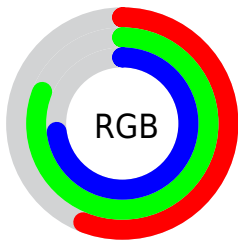
Format	Color
RYB	143, 182, 207
Decimal	9424825
CIELab	78.44, -25.04, 4.44
CIELCh	78, 25.435, 169.954
Yxy	53.9681, 0.2818, 0.3587
Android (android.graphics.Color)	4287614905 (0xFF8FCFB9)
YUV	185.3560, -0.1755, -37.1462
Hunter-Lab	73.4630, -25.5414, 7.7707

Details

The Yxy color **53.9681, 0.2818, 0.3587** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.6266, 0.3582, 0.3014**, and the grayscale version is **48.7395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8766, 0.2866, 0.3438**, and **26.2961, 0.2732, 0.3664** is the 20% darker color. If you saturate the color by 10%, you get **51.9972, 0.2734, 0.3701**, and if you desaturate by 10%, it is **56.2993, 0.2912, 0.3481**.

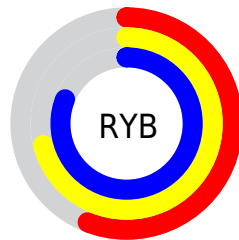
Distribution



Red (56%)

Green (81%)

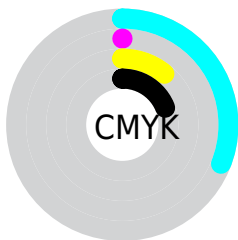
Blue (73%)



Red (56%)

Yellow (71%)

Blue (81%)

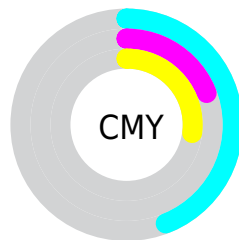


Cyan (31%)

Magenta (0%)

Yellow (11%)

Black (19%)



Cyan (44%)


Magenta (19%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9681, 0.2818, 0.3587 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 53.9681, 0.2818, 0.3587 by changing the saturation by 10% instead.


 53.9681, 0.2818,
0.3587


 53.9681, 0.2818,
0.3587


401.9884, 0.2970,
0.3440

 38.5762, 0.2781,
0.3624


 96.0274, 0.2873,
0.3534

 26.4302, 0.2734,
0.3670


 123.4636, 0.2893,
0.3514

 17.1457, 0.2672,
0.3732


155.6832, 0.2911,
0.3497

 10.3384, 0.2587,
0.3818

193.0708, 0.2926,
0.3482

 5.6239, 0.2463,
0.3945

236.0108, 0.2939,
0.3469

 2.6178, 0.2267,
0.4152

284.8874, 0.2951,

 0.9356, 0.1443,

0.3458

0.4873

340.0851, 0.2961,
0.3448

0.0000, 0.0000,
0.0000

53.9681, 0.2818,
0.3587

53.9681, 0.2818,
0.3587

51.9972, 0.2734,
0.3701

56.2993, 0.2912,
0.3481

50.3611, 0.2663,
0.3823

59.0017, 0.3013,
0.3385

49.0410, 0.2608,
0.3950

62.0939, 0.3117,
0.3298

48.0138, 0.2571,
0.4082


65.5914, 0.3224,
0.3219


47.2530, 0.2554,
0.4214


69.5085, 0.3331,
0.3150


 46.7272, 0.2557,
0.4346

 71.4713, 0.3343,
0.3082

 46.4018, 0.2573,
0.4464

 71.8738, 0.3291,
0.3013

 72.2926, 0.3240,
0.2944

 72.7281, 0.3190,
0.2877

Harmonies

Analogous

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



53.9681, 0.3140, 0.3827



53.9681, 0.2818, 0.3587



53.9681, 0.2586, 0.3263

Triad

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



53.9681, 0.2818, 0.3587



53.9681, 0.2770, 0.2736



53.9681, 0.3803, 0.3555

Complementary

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



53.9681, 0.2818, 0.3587



35.6266, 0.3582, 0.3014

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.



53.9681, 0.3696, 0.3277



53.9681, 0.2818, 0.3587



53.9681, 0.3085, 0.2821

Square

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



53.9681, 0.2818, 0.3587



53.9681, 0.2560, 0.2784



53.9681, 0.3427, 0.3015



53.9681, 0.3717, 0.3786

Rectangle

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



53.9681, 0.2818, 0.3587



53.9681, 0.2508, 0.3057



53.9681, 0.3427, 0.3015



53.9681, 0.3789, 0.3464

Sweetspot

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



53.9703, 0.2818, 0.3587



95.4067, 0.3031, 0.3368



54.6528, 0.3253, 0.4147



20.2726, 0.3016, 0.3382



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.



53.9703, 0.2818, 0.3587



84.3662, 0.2762, 0.3661



50.4604, 0.2672, 0.3161



13.3352, 0.3028, 0.3371



29.2525, 0.2568, 0.4446



1.6502, 0.2502, 0.4207

Inverse Universe

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



35.6266, 0.3582, 0.3014



50.4807, 0.3718, 0.2953



37.9006, 0.3785, 0.3414



11.8743, 0.3237, 0.3210



8.6615, 0.5585, 0.2850



0.4991, 0.5068, 0.2565

Previews

White Background



This preview shows how the Yxy color 53.9681, 0.2818, 0.3587 looks on a white background.

Color Contrast Check

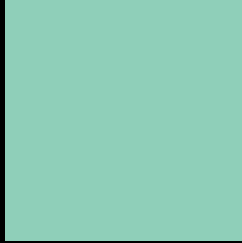
Large Text (above 18pt) WCAG AA × Fail

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 53.9681, 0.2818, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

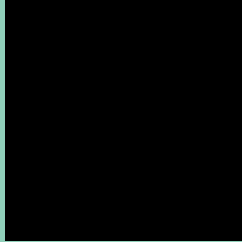
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

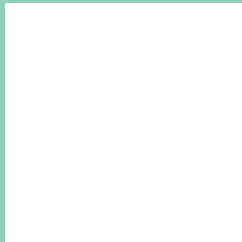
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9681, 0.2818, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 53.9681, 0.2818, 0.3587.



This preview shows how white text looks on a background with the Yxy color 53.9681, 0.2818, 0.3587.

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

53.9681, 0.2818, 0.3587

Protanopia

53.7318, 0.3316, 0.3487

Deuteranopia

53.3609, 0.3330, 0.3267



Tritanopia

53.7870, 0.2658, 0.3084

Trichromacy



Original Color

53.9681, 0.2818, 0.3587

Protanomaly

53.3868, 0.3116, 0.3521

Deuteranomaly

52.9058, 0.3124, 0.3365

Tritanomaly

53.8450, 0.2712, 0.3263

Monochromacy



Original Color

53.9681, 0.2818, 0.3587

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

50.1888, 0.3004, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9681, 0.2818, 0.3587 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(143, 207, 185)` looks like.

```
.text, #text, p{  
    color:rgb(143, 207, 185)  
}
```

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(143, 207, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 207, 185) }
```

Border

The CSS property to change the border of an element to Yxy 53.9681, 0.2818, 0.3587 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(143, 207, 185) }
```

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

```
.border{ border-color:rgb(143, 207, 185) }
```

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

Here you see how a box with a 4 pixel rgb(143, 207, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 207, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 207, 185);  
box-shadow:4px 4px 4px 4px rgb(143, 207,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9681, 0.2818, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 207, 185) }
```

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

```
.background{ background-color: rgb(143,  
207, 185) }
```

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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