

Converting Colors

$Yxy(53.8779, 0.3070, 0.3432)$

Have a look what the booklet for
Yxy(53.8779, 0.3070, 0.3432)
contains.

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Color

Yxy(53.7998, 0.3074, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	B5C6BB
RGB	181, 198, 187
RGB Percent	71%, 78%, 73%
CMY	0.2900, 0.2236, 0.2666
CMYK	0.09, 0.00, 0.06, 0.22
HSL	141°, 13%, 74%
HSV	141°, 9%, 78%
XYZ	48.2300, 53.7998, 54.8667
YIQ	191.6630, -6.6010, -7.0250

Conversions

Conversions Part 2

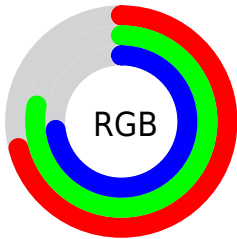
Format	Color
RYB	181, 194, 198
Decimal	11912891
CIELab	78.34, -7.85, 3.51
CIELCh	78, 8.601, 155.906
Yxy	53.7998, 0.3074, 0.3429
Android (android.graphics.Color)	4290102971 (0xFFB5C6BB)
YUV	191.6630, -2.2989, -9.3515
Hunter-Lab	73.3483, -10.9875, 6.9932

Details

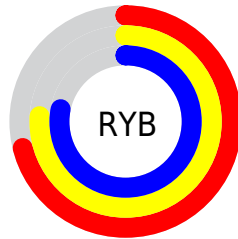
The Yxy color **53.7998, 0.3074, 0.3429** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.8794, 0.3184, 0.3155**, and the grayscale version is **52.5283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9956, 0.3085, 0.3409**, and **26.2569, 0.3056, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **51.0505, 0.3013, 0.3610**, and if you desaturate by 10%, it is **56.9429, 0.3136, 0.3268**.

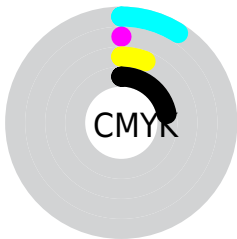
Distribution



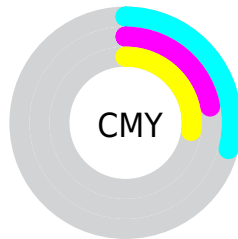
- Red (71%)
- Green (78%)
- Blue (73%)



- Red (71%)
- Yellow (76%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)





- Cyan (29%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7998, 0.3074, 0.3429 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 53.7998, 0.3074, 0.3429 by changing the saturation by 10% instead.


 53.7998, 0.3074,
0.3429

 53.7998, 0.3074,
0.3429

401.3461, 0.3100,
0.3361

 38.4416, 0.3068,
0.3446


 95.7802, 0.3084,
0.3404

 26.3256, 0.3059,
0.3467


123.1713, 0.3087,
0.3395

 17.0674, 0.3048,
0.3496


155.3421, 0.3090,
0.3387

 10.2826, 0.3033,
0.3535

192.6770, 0.3093,
0.3380

 5.5867, 0.3011,
0.3592

235.5605, 0.3095,
0.3374

 2.5954, 0.2974,
0.3685

284.3769, 0.3097,

 0.9244, 0.2895,

0.3369

0.3898

339.5107, 0.3099,
0.3365

0.0000, 0.0000,
0.0000

53.7998, 0.3074,
0.3429

53.7998, 0.3074,
0.3429

51.0505, 0.3013,
0.3610

56.9429, 0.3136,
0.3268

48.6725, 0.2954,
0.3812

60.4875, 0.3197,
0.3126

46.6516, 0.2901,
0.4032

64.4499, 0.3257,
0.3002

44.9698, 0.2856,
0.4269

67.8345, 0.3274,
0.2888

43.6077, 0.2822,
0.4517

68.6166, 0.3181,
0.2767

■ 42.5437, 0.2803,
0.4768

■ 68.8635, 0.3153,
0.2732

■ 41.7536, 0.2802,
0.5013

■ 41.2088, 0.2818,
0.5241

■ 40.8650, 0.2848,
0.5443

Harmonies

Analogous

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



53.7998, 0.3190, 0.3484



53.7998, 0.3074, 0.3429



53.7998, 0.2974, 0.3335

Triad

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



53.7998, 0.3074, 0.3429



53.7998, 0.2965, 0.3099



53.7998, 0.3344, 0.3344

Complementary

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



53.7998, 0.3074, 0.3429



48.8794, 0.3184, 0.3155

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.



53.7998, 0.3282, 0.3244



53.7998, 0.3074, 0.3429



53.7998, 0.3062, 0.3105

Square

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



53.7998, 0.3074, 0.3429



53.7998, 0.2912, 0.3144



53.7998, 0.3178, 0.3157



53.7998, 0.3347, 0.3432

Rectangle

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



53.7998, 0.3074, 0.3429



53.7998, 0.2929, 0.3264



53.7998, 0.3178, 0.3157



53.7998, 0.3329, 0.3310

Sweetspot

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



53.8021, 0.3074, 0.3429



98.2629, 0.3108, 0.3338



54.9362, 0.3205, 0.3501



20.9353, 0.3103, 0.3351



0.0000, 0.0000, 0.0000



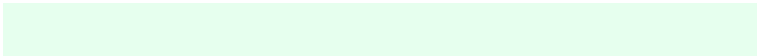
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8021, 0.3074, 0.3429



94.4621, 0.3064, 0.3457



54.1738, 0.3014, 0.3322



11.9486, 0.3069, 0.3443



26.5660, 0.2846, 0.5446



1.2717, 0.2724, 0.5008

Inverse Universe

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



48.8794, 0.3184, 0.3155



84.2304, 0.3196, 0.3129



48.5163, 0.3253, 0.3259



10.7507, 0.3190, 0.3141



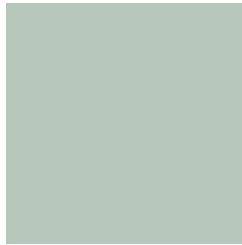
8.8417, 0.4336, 0.2162



0.4320, 0.4043, 0.2001

Previews

White Background



This preview shows how the Yxy color 53.7998, 0.3074, 0.3429 looks on a white background.

Color Contrast Check

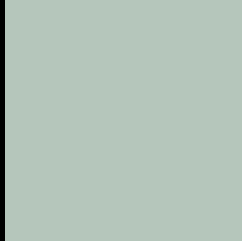
Large Text (above 18pt) WCAG AA × Fail

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 53.7998, 0.3074, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

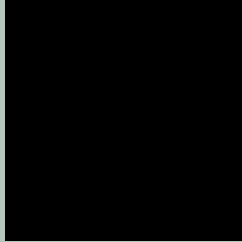
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

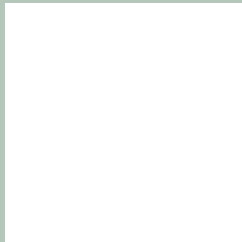
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7998, 0.3074, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 53.7998, 0.3074, 0.3429.

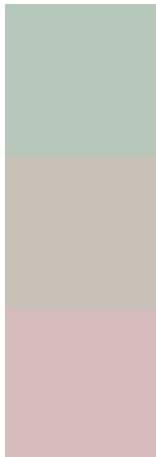


This preview shows how white text looks on a background with the Yxy color 53.7998, 0.3074, 0.3429.

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

53.7998, 0.3074, 0.3429

Protanopia

53.7427, 0.3245, 0.3401

Deuteranopia

53.5109, 0.3339, 0.3267



Tritanopia

53.9976, 0.2942, 0.3106

Trichromacy



Original Color

53.7998, 0.3074, 0.3429

Protanomaly

53.7395, 0.3178, 0.3415

Deuteranomaly

53.4490, 0.3241, 0.3327

Tritanomaly

53.9345, 0.2991, 0.3215

Monochromacy



Original Color

53.7998, 0.3074, 0.3429

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.9926, 0.3109, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7998, 0.3074, 0.3429 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(181, 198, 187)` looks like.

```
.text, #text, p{  
    color:rgb(181, 198, 187)  
}
```

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(181, 198, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 198, 187) }
```

Border

The CSS property to change the border of an element to Yxy 53.7998, 0.3074, 0.3429 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(181, 198, 187) }
```

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

```
.border{ border-color:rgb(181, 198, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 198, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 198, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 198, 187);  
box-shadow:4px 4px 4px 4px rgb(181, 198,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7998, 0.3074, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 198, 187) }
```

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

```
.background{ background-color: rgb(181,  
198, 187) }
```

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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