

Converting Colors

Yxy(54.3642, 0.3086, 0.3413)

Have a look what the booklet for
Yxy(54.3642, 0.3086, 0.3413)
contains.

Yxy(54.2526, 0.3083, 0.3403)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.2526, 0.3083, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	B8C6BD
RGB	184, 198, 189
RGB Percent	72%, 78%, 74%
CMY	0.2783, 0.2235, 0.2588
CMYK	0.07, 0.00, 0.05, 0.22
HSL	141°, 11%, 75%
HSV	141°, 7%, 78%
XYZ	49.1510, 54.2526, 56.0222
YIQ	192.7880, -5.4550, -5.7670

Conversions

Conversions Part 2

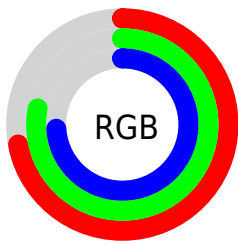
Format	Color
RYB	184, 194, 198
Decimal	12109501
CIELab	78.61, -6.47, 2.86
CIElCh	79, 7.070, 156.166
Yxy	54.2526, 0.3083, 0.3403
Android (android.graphics.Color)	4290299581 (0xFFB8C6BD)
YUV	192.7880, -1.8675, -7.7071
Hunter-Lab	73.6564, -9.7854, 6.4641

Details

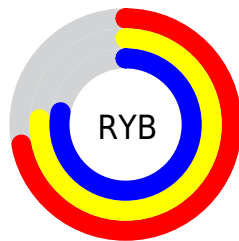
The Yxy color **54.2526, 0.3083, 0.3403** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1501, 0.3174, 0.3180**, and the grayscale version is **53.2144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6378, 0.3092, 0.3388**, and **26.5494, 0.3068, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **51.4479, 0.3021, 0.3580**, and if you desaturate by 10%, it is **57.4529, 0.3146, 0.3246**.

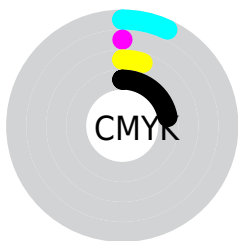
Distribution



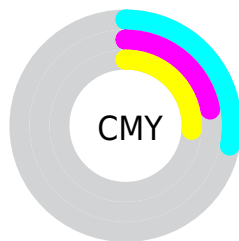
- Red (72%)
- Green (78%)
- Blue (74%)



- Red (72%)
- Yellow (76%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)





- Cyan (28%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2526, 0.3083, 0.3403 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 54.2526, 0.3083, 0.3403 by changing the saturation by 10% instead.


 54.2526, 0.3083,
0.3403

 54.2526, 0.3083,
0.3403


403.0725, 0.3105,
0.3348

 38.8036, 0.3078,
0.3417


 96.4450, 0.3091,
0.3383

 26.6070, 0.3071,
0.3434


123.9573, 0.3094,
0.3376

 17.2783, 0.3062,
0.3457


156.2595, 0.3096,
0.3369

 10.4331, 0.3049,
0.3488

193.7359, 0.3099,
0.3364

 5.6871, 0.3031,
0.3534

236.7711, 0.3100,
0.3359

 2.6557, 0.3002,
0.3608

285.7493, 0.3102,

 0.9548, 0.2944,

0.3355

0.3758

341.0550, 0.3104,
0.3351

0.0000, 0.0000,
0.0000

54.2526, 0.3083,
0.3403

54.2526, 0.3083,
0.3403

51.4479, 0.3021,
0.3580

57.4529, 0.3146,
0.3246

49.0166, 0.2961,
0.3778

61.0564, 0.3207,
0.3107

46.9444, 0.2907,
0.3994

65.0792, 0.3267,
0.2986

45.2138, 0.2860,
0.4228

67.9403, 0.3261,
0.2871

43.8055, 0.2824,
0.4473

68.7257, 0.3169,
0.2752

■ 42.6984, 0.2803,
0.4723

■ 68.8670, 0.3153,
0.2732

■ 41.8687, 0.2798,
0.4969

■ 41.2886, 0.2812,
0.5200

■ 40.9213, 0.2841,
0.5406

Harmonies

Analogous

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



54.2526, 0.3178, 0.3448



54.2526, 0.3083, 0.3403



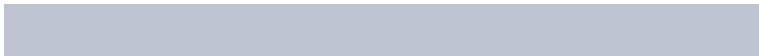
54.2526, 0.3001, 0.3326

Triad

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



54.2526, 0.3083, 0.3403



54.2526, 0.2995, 0.3133



54.2526, 0.3305, 0.3335

Complementary

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



54.2526, 0.3083, 0.3403



50.1501, 0.3174, 0.3180

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.



54.2526, 0.3254, 0.3253



54.2526, 0.3083, 0.3403



54.2526, 0.3075, 0.3138

Square

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



54.2526, 0.3083, 0.3403



54.2526, 0.2950, 0.3170



54.2526, 0.3170, 0.3181



54.2526, 0.3307, 0.3407

Rectangle

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



54.2526, 0.3083, 0.3403



54.2526, 0.2964, 0.3269



54.2526, 0.3170, 0.3181



54.2526, 0.3293, 0.3308

Sweetspot

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



54.2549, 0.3083, 0.3403



98.8356, 0.3114, 0.3322



55.2007, 0.3191, 0.3463



21.1671, 0.3115, 0.3320



0.0000, 0.0000, 0.0000



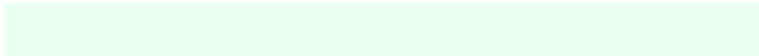
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2549, 0.3083, 0.3403



95.5162, 0.3076, 0.3421



54.5620, 0.3034, 0.3316



11.9491, 0.3068, 0.3443



26.5713, 0.2844, 0.5437



1.2719, 0.2722, 0.5000

Inverse Universe

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



50.1501, 0.3174, 0.3180



87.2094, 0.3182, 0.3163



49.8489, 0.3229, 0.3264



10.7501, 0.3191, 0.3142



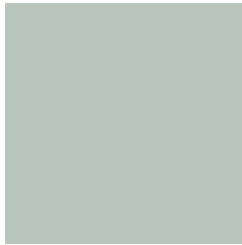
8.8311, 0.4348, 0.2169



0.4316, 0.4052, 0.2006

Previews

White Background



This preview shows how the Yxy color 54.2526, 0.3083, 0.3403 looks on a white background.

Color Contrast Check

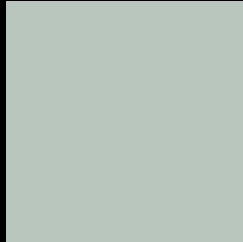
Large Text (above 18pt) WCAG AA × Fail

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 54.2526, 0.3083, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

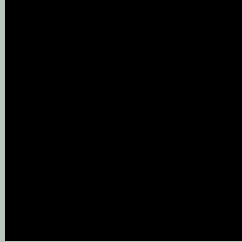
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

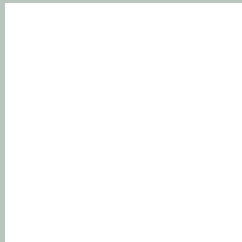
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2526, 0.3083, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 54.2526, 0.3083, 0.3403.



This preview shows how white text looks on a background with the Yxy color 54.2526, 0.3083, 0.3403.

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

54.2526, 0.3083, 0.3403

Protanopia

53.9645, 0.3237, 0.3376

Deuteranopia

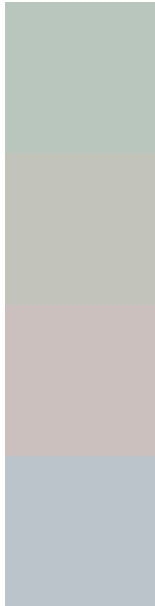
54.0242, 0.3321, 0.3255



Tritanopia

54.2482, 0.2958, 0.3107

Trichromacy



Original Color

54.2526, 0.3083, 0.3403

Protanomaly

54.0874, 0.3179, 0.3389

Deuteranomaly

54.1135, 0.3232, 0.3314

Tritanomaly

54.1832, 0.3006, 0.3216

Monochromacy



Original Color

54.2526, 0.3083, 0.3403

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.7831, 0.3109, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2526, 0.3083, 0.3403 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(184, 198, 189)` looks like.

```
.text, #text, p{  
    color:rgb(184, 198, 189)  
}
```

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(184, 198, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 198, 189) }
```

Border

The CSS property to change the border of an element to Yxy 54.2526, 0.3083, 0.3403 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(184, 198, 189) }
```

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

```
.border{ border-color:rgb(184, 198, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 198, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 198, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 198, 189);  
box-shadow:4px 4px 4px 4px rgb(184, 198,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2526, 0.3083, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 198, 189) }
```

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

```
.background{ background-color: rgb(184,  
198, 189) }
```

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