

Converting Colors

Yxy(54.7601, 0.3146, 0.3705)

Have a look what the booklet for
Yxy(54.7601, 0.3146, 0.3705)
contains.

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Color

Yxy(54.8823, 0.3146, 0.3704)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B0CBAB |
| RGB | 176, 203, 171 |
| RGB Percent | 69%, 80%, 67% |
| CMY | 0.3098, 0.2039, 0.3293 |
| CMYK | 0.13, 0.00, 0.16, 0.20 |
| HSL | 111°, 24%, 73% |
| HSV | 111°, 16%, 80% |
| XYZ | 46.6144, 54.8823, 46.6737 |
| YIQ | 191.2790, -5.8200, -15.6760 |

Conversions

Conversions Part 2

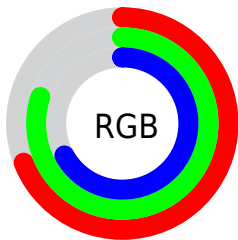
| Format | Color |
|-------------------------------------|--|
| RYB | 171, 203, 198 |
| Decimal | 11586475 |
| CIELab | 78.97, -15.06, 12.95 |
| CIElCh | 79, 19.864, 139.322 |
| Yxy | 54.8823, 0.3146, 0.3704 |
| Android (android.graphics.Color) | 4289776555 (0xFFB0CBAB) |
| YUV | 191.2790, -9.9975, -13.3997 |
| Hunter-Lab | 74.0826, -17.3284, 14.5038 |

Details

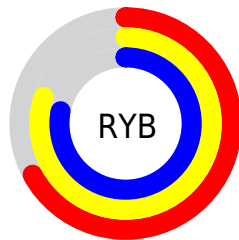
The Yxy color **54.8823, 0.3146, 0.3704** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.4520, 0.3102, 0.2899**, and the grayscale version is **52.3353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1668, 0.3151, 0.3585**, and **27.0378, 0.3143, 0.3820** is the 20% darker color. If you saturate the color by 10%, you get **52.2961, 0.3155, 0.4005**, and if you desaturate by 10%, it is **57.8441, 0.3135, 0.3432**.

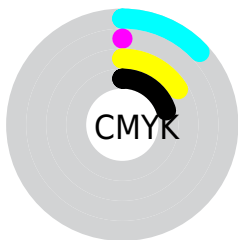
Distribution



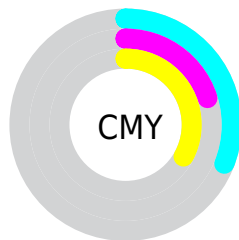
- Red (69%)
- Green (80%)
- Blue (67%)



- Red (67%)
- Yellow (80%)
- Blue (78%)



- Cyan (13%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)




- Cyan (31%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8823, 0.3146, 0.3704 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 54.8823, 0.3146, 0.3704 by changing the saturation by 10% instead.


 54.8823, 0.3146,
0.3704

 54.8823, 0.3146,
0.3704


405.4656, 0.3139,
0.3498

 39.3075, 0.3147,
0.3755

 97.3685, 0.3144,
0.3629

 26.9990, 0.3147,
0.3821


125.0487, 0.3143,
0.3601

 17.5725, 0.3147,
0.3909


157.5327, 0.3143,
0.3577

 10.6435, 0.3145,
0.4030

195.2051, 0.3142,
0.3557

 5.8277, 0.3140,
0.4210

238.4502, 0.3141,
0.3539

 2.7406, 0.3121,
0.4504

287.6524, 0.3141,

 0.9978, 0.3293,


0.3523


0.5700

343.1961, 0.3140,
0.3510


 0.0000, 0.0000,
0.0000


 54.8823, 0.3146,
0.3704


 54.8823, 0.3146,
0.3704


 52.2961, 0.3155,
0.4005


 57.8441, 0.3135,
0.3432


 50.0638, 0.3160,
0.4331


 61.1883, 0.3122,
0.3191


 48.1718, 0.3159,
0.4672

 64.9306, 0.3108,
0.2980

 46.6033, 0.3152,
0.5011

 69.0836, 0.3094,
0.2796

 45.3398, 0.3137,
0.5328

 71.1921, 0.3151,
0.2782

■ 44.3610, 0.3115,
0.5599

■ 43.6439, 0.3086,
0.5803

■ 43.1616, 0.3054,
0.5928

■ 43.0142, 0.3043,
0.5966

Harmonies

Analogous

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



54.8823, 0.3402, 0.3757



54.8823, 0.3146, 0.3704



54.8823, 0.2893, 0.3524

Triad

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



54.8823, 0.3146, 0.3704



54.8823, 0.2680, 0.2897



54.8823, 0.3564, 0.3279

Complementary

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



54.8823, 0.3146, 0.3704



45.4520, 0.3102, 0.2899

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.



54.8823, 0.3356, 0.3070



54.8823, 0.3146, 0.3704



54.8823, 0.2845, 0.2854

Square

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



54.8823, 0.3146, 0.3704



54.8823, 0.2631, 0.3048



54.8823, 0.3091, 0.2918



54.8823, 0.3650, 0.3498

Rectangle

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



54.8823, 0.3146, 0.3704



54.8823, 0.2758, 0.3362



54.8823, 0.3091, 0.2918



54.8823, 0.3506, 0.3206

Sweetspot

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



54.8847, 0.3146, 0.3704



97.2220, 0.3134, 0.3415



55.8752, 0.3371, 0.3615



20.7288, 0.3135, 0.3433



0.0000, 0.0000, 0.0000



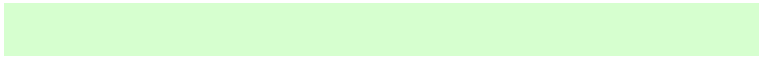
21.4041, 0.3127, 0.3290

Same Dimension

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



54.8847, 0.3146, 0.3704



90.3162, 0.3149, 0.3806



54.7364, 0.3034, 0.3566



12.6196, 0.3139, 0.3528



27.3996, 0.3049, 0.5961



1.4408, 0.3162, 0.5872

Inverse Universe

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



45.4520, 0.3102, 0.2899



71.4815, 0.3095, 0.2809



45.6508, 0.3235, 0.3029



11.3116, 0.3113, 0.3060



8.3086, 0.2821, 0.1327



0.4531, 0.2901, 0.1372

Previews

White Background



This preview shows how the Yxy color 54.8823, 0.3146, 0.3704 looks on a white background.

Color Contrast Check

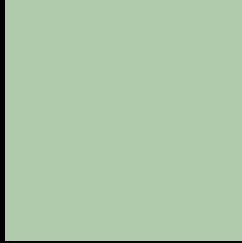
Large Text (above 18pt) WCAG AA × Fail

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 54.8823, 0.3146, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

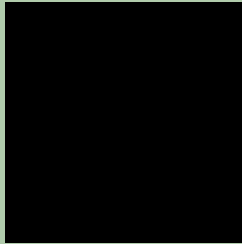
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8823, 0.3146, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 54.8823, 0.3146, 0.3704.



This preview shows how white text looks on a background with the Yxy color 54.8823, 0.3146, 0.3704.

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

54.8823, 0.3146, 0.3704

Protanopia

54.7994, 0.3424, 0.3632

Deuteranopia

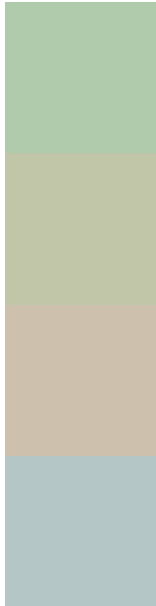
54.5520, 0.3530, 0.3454



Tritanopia

54.8039, 0.2908, 0.3094

Trichromacy



Original Color

54.8823, 0.3146, 0.3704

Protanomaly

54.6847, 0.3319, 0.3666

Deuteranomaly

54.1362, 0.3381, 0.3534

Tritanomaly

54.6274, 0.2988, 0.3302

Monochromacy



Original Color

54.8823, 0.3146, 0.3704

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.9300, 0.3137, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8823, 0.3146, 0.3704 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(176, 203, 171)` looks like.

```
.text, #text, p{  
    color:rgb(176, 203, 171)  
}
```

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(176, 203, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 203, 171) }
```

Border

The CSS property to change the border of an element to Yxy 54.8823, 0.3146, 0.3704 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(176, 203, 171) }
```

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

```
.border{ border-color:rgb(176, 203, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 203, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 203, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 203, 171); box-shadow:4px 4px 4px 4px rgb(176, 203, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8823, 0.3146, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 203, 171) }
```

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

```
.background{ background-color: rgb(176,  
203, 171) }
```

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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