

Converting Colors

Yxy(54.8834, 0.3182, 0.3477)

Have a look what the booklet for
Yxy(54.8834, 0.3182, 0.3477)
contains.

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Color

Yxy(54.8834, 0.3182, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	BFC6B7
RGB	191, 198, 183
RGB Percent	75%, 78%, 72%
CMY	0.2510, 0.2235, 0.2824
CMYK	0.04, 0.00, 0.08, 0.22
HSL	88°, 12%, 75%
HSV	88°, 8%, 78%
XYZ	50.2269, 54.8834, 52.7367
YIQ	194.1970, 0.6430, -6.1490

Conversions

Conversions Part 2

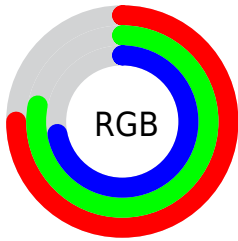
Format	Color
RYB	183, 198, 190
Decimal	12568247
CIELab	78.97, -5.13, 6.68
CIELCh	79, 8.427, 127.533
Yxy	54.8834, 0.3182, 0.3477
Android (android.graphics.Color)	4290758327 (0xFFBFC6B7)
YUV	194.1970, -5.5201, -2.8038
Hunter-Lab	74.0833, -8.6266, 9.6524

Details

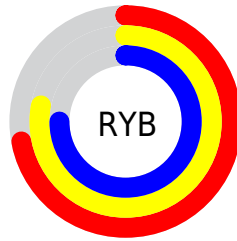
The Yxy color **54.8834, 0.3182, 0.3477** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.8827, 0.3069, 0.3103**, and the grayscale version is **54.1056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5262, 0.3170, 0.3446**, and **26.9615, 0.3201, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **52.9599, 0.3254, 0.3741**, and if you desaturate by 10%, it is **57.0030, 0.3110, 0.3233**.

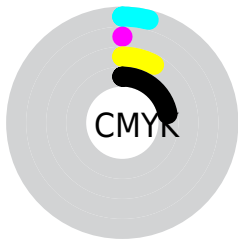
Distribution



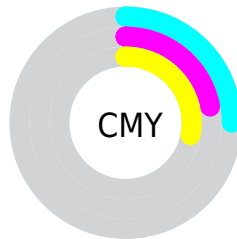
- Red (75%)
- Green (78%)
- Blue (72%)



- Red (72%)
- Yellow (78%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (25%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8834, 0.3182, 0.3477 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 54.8834, 0.3182, 0.3477 by changing the saturation by 10% instead.

■ 54.8834, 0.3182,
0.3477

■ 54.8834, 0.3182,
0.3477

405.4698, 0.3156,
0.3385

■ 39.3084, 0.3188,
0.3499

■ 97.3701, 0.3173,
0.3444

■ 26.9997, 0.3196,
0.3528

125.0506, 0.3169,
0.3431

■ 17.5730, 0.3206,
0.3566

157.5350, 0.3166,
0.3421

■ 10.6439, 0.3220,
0.3617

195.2077, 0.3163,
0.3412

■ 5.8279, 0.3239,
0.3693

238.4531, 0.3161,
0.3404

■ 2.7407, 0.3267,
0.3814

287.6557, 0.3159,

■ 0.9979, 0.3368,

0.3397

0.4104

343.1998, 0.3157,
0.3391

0.0000, 0.0000,
0.0000

54.8834, 0.3182,
0.3477

54.8834, 0.3182,
0.3477

52.9599, 0.3254,
0.3741

57.0030, 0.3110,
0.3233

51.2191, 0.3323,
0.4022

59.3174, 0.3040,
0.3011

49.6569, 0.3387,
0.4314

61.8346, 0.2972,
0.2810

48.2662, 0.3440,
0.4608

64.0883, 0.2955,
0.2698

47.0396, 0.3478,
0.4890

65.6366, 0.3022,
0.2709

■ 45.9686, 0.3497,
0.5148

■ 67.2666, 0.3089,
0.2721

■ 45.0441, 0.3494,
0.5366

■ 68.8702, 0.3153,
0.2732

■ 44.2555, 0.3468,
0.5534

■ 43.5883, 0.3422,
0.5650

Harmonies

Analogous

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



54.8834, 0.3281, 0.3480



54.8834, 0.3182, 0.3477



54.8834, 0.3070, 0.3421

Triad

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



54.8834, 0.3182, 0.3477



54.8834, 0.2919, 0.3145



54.8834, 0.3282, 0.3250

Complementary

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



54.8834, 0.3182, 0.3477



48.8827, 0.3069, 0.3103

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.



54.8834, 0.3183, 0.3164



54.8834, 0.3182, 0.3477



54.8834, 0.2974, 0.3103

Square

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



54.8834, 0.3182, 0.3477



54.8834, 0.2919, 0.3227



54.8834, 0.3070, 0.3111



54.8834, 0.3340, 0.3347

Rectangle

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



54.8834, 0.3182, 0.3477



54.8834, 0.3002, 0.3362



54.8834, 0.3070, 0.3111



54.8834, 0.3252, 0.3219

Sweetspot

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



54.8858, 0.3182, 0.3477



99.2280, 0.3142, 0.3339



52.1405, 0.3248, 0.3374



21.2470, 0.3141, 0.3336



0.0000, 0.0000, 0.0000



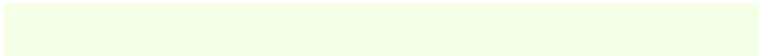
21.4041, 0.3127, 0.3290

Same Dimension

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



54.8858, 0.3182, 0.3477



96.6374, 0.3193, 0.3517



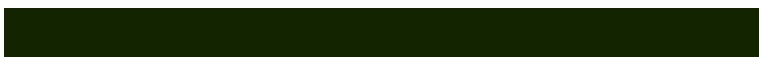
53.9661, 0.3124, 0.3480



12.1621, 0.3195, 0.3523



28.3001, 0.3420, 0.5667



1.3828, 0.3575, 0.5544

Inverse Universe

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



48.8827, 0.3069, 0.3103



83.9700, 0.3056, 0.3063



49.8425, 0.3129, 0.3106



10.5256, 0.3054, 0.3056



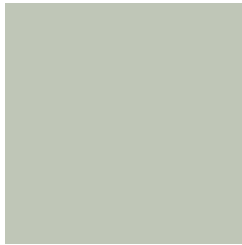
4.1891, 0.1968, 0.0858



0.2413, 0.2204, 0.0988

Previews

White Background



This preview shows how the Yxy color 54.8834, 0.3182, 0.3477 looks on a white background.

Color Contrast Check

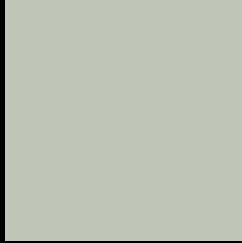
Large Text (above 18pt) WCAG AA × Fail

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 54.8834, 0.3182, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

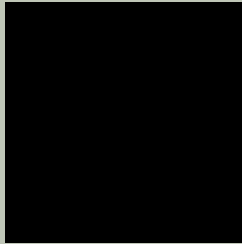
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

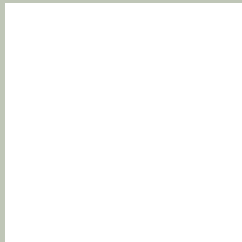
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8834, 0.3182, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 54.8834, 0.3182, 0.3477.



This preview shows how white text looks on a background with the Yxy color 54.8834, 0.3182, 0.3477.

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

54.8834, 0.3182, 0.3477

Protanopia

54.9230, 0.3290, 0.3461

Deuteranopia

54.8034, 0.3402, 0.3338



Tritanopia

54.7891, 0.3026, 0.3110

Trichromacy



Original Color

54.8834, 0.3182, 0.3477

Protanomaly

54.8630, 0.3248, 0.3462

Deuteranomaly

54.5699, 0.3321, 0.3386

Tritanomaly

54.6697, 0.3083, 0.3229

Monochromacy



Original Color

54.8834, 0.3182, 0.3477

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.0854, 0.3148, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8834, 0.3182, 0.3477 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(191, 198, 183)` looks like.

```
.text, #text, p{  
    color:rgb(191, 198, 183)  
}
```

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(191, 198, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 198, 183) }
```

Border

The CSS property to change the border of an element to Yxy 54.8834, 0.3182, 0.3477 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(191, 198, 183) }
```

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

```
.border{ border-color:rgb(191, 198, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 198, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 198, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 198, 183);  
box-shadow:4px 4px 4px 4px rgb(191, 198,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8834, 0.3182, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 198, 183) }
```

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

```
.background{ background-color: rgb(191,  
198, 183) }
```

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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