

Converting Colors

Yxy(52.4346, 0.3184, 0.3479)

Have a look what the booklet for
Yxy(52.4346, 0.3184, 0.3479)
contains.

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Color

Yxy(52.4030, 0.3183, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	BBC2B3
RGB	187, 194, 179
RGB Percent	73%, 76%, 70%
CMY	0.2665, 0.2392, 0.2979
CMYK	0.04, 0.00, 0.08, 0.24
HSL	88°, 11%, 73%
HSV	88°, 8%, 76%
XYZ	47.9307, 52.4030, 50.2497
YIQ	190.1970, 0.6430, -6.1490

Conversions

Conversions Part 2

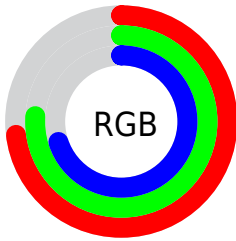
Format	Color
RYB	179, 194, 186
Decimal	12305075
CIELab	77.52, -5.13, 6.69
CIELCh	78, 8.427, 127.485
Yxy	52.4030, 0.3183, 0.3480
Android (android.graphics.Color)	4290495155 (0xFFBBC2B3)
YUV	190.1970, -5.5201, -2.8038
Hunter-Lab	72.3899, -8.4943, 9.5166

Details

The Yxy color **52.4030, 0.3183, 0.3480** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.5821, 0.3068, 0.3100**, and the grayscale version is **51.6491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4241, 0.3171, 0.3439**, and **25.3309, 0.3203, 0.3532** is the 20% darker color. If you saturate the color by 10%, you get **50.5728, 0.3255, 0.3744**, and if you desaturate by 10%, it is **54.4196, 0.3111, 0.3236**.

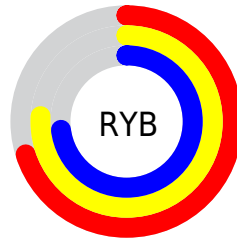
Distribution



Red (73%)

Green (76%)

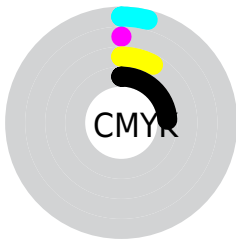
Blue (70%)



Red (70%)

Yellow (76%)

Blue (73%)

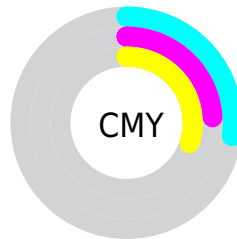


Cyan (4%)

Magenta (0%)

Yellow (8%)

Black (24%)



Cyan (27%)


Magenta (24%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4030, 0.3183, 0.3480 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 52.4030, 0.3183, 0.3480 by changing the saturation by 10% instead.


 52.4030, 0.3183,
0.3480

 52.4030, 0.3183,
0.3480


395.9904, 0.3156,
0.3386

 37.3264, 0.3189,
0.3503


 93.7253, 0.3173,
0.3446

 25.4603, 0.3198,
0.3533


120.7398, 0.3170,
0.3433

 16.4203, 0.3208,
0.3572


152.5024, 0.3167,
0.3422

 9.8221, 0.3222,
0.3627

189.3975, 0.3164,
0.3413

 5.2811, 0.3242,
0.3707

231.8094, 0.3162,
0.3405

 2.4132, 0.3273,
0.3838

280.1226, 0.3160,

 0.8326, 0.3438,

0.3398

0.4296

334.7215, 0.3158,
0.3392

0.0000, 0.0000,
0.0000

52.4030, 0.3183,
0.3480

52.4030, 0.3183,
0.3480

50.5728, 0.3255,
0.3744

54.4196, 0.3111,
0.3236

48.9162, 0.3325,
0.4025

56.6213, 0.3040,
0.3014

47.4293, 0.3388,
0.4316

59.0157, 0.2973,
0.2813

46.1055, 0.3441,
0.4609

61.5030, 0.2920,
0.2649

44.9374, 0.3479,
0.4891

62.9740, 0.2985,
0.2661

■ 43.9174, 0.3498,
0.5148

■ 64.5224, 0.3052,
0.2673

■ 43.0366, 0.3495,
0.5366

■ 66.1494, 0.3119,
0.2686

■ 42.2849, 0.3470,
0.5533

■ 67.0599, 0.3155,
0.2693

■ 41.6483, 0.3424,
0.5649

Harmonies

Analogous

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



52.4030, 0.3284, 0.3483



52.4030, 0.3183, 0.3480



52.4030, 0.3069, 0.3423

Triad

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



52.4030, 0.3183, 0.3480



52.4030, 0.2916, 0.3143



52.4030, 0.3284, 0.3249

Complementary

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



52.4030, 0.3183, 0.3480



46.5821, 0.3068, 0.3100

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.



52.4030, 0.3183, 0.3162



52.4030, 0.3183, 0.3480



52.4030, 0.2971, 0.3101

Square

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



52.4030, 0.3183, 0.3480



52.4030, 0.2916, 0.3226



52.4030, 0.3069, 0.3108



52.4030, 0.3343, 0.3348

Rectangle

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



52.4030, 0.3183, 0.3480



52.4030, 0.3000, 0.3363



52.4030, 0.3069, 0.3108



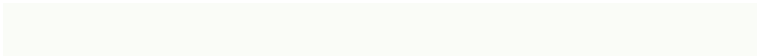
52.4030, 0.3254, 0.3218

Sweetspot

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



52.4053, 0.3183, 0.3480



96.9872, 0.3142, 0.3339



49.7411, 0.3250, 0.3375



21.2472, 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.



52.4053, 0.3183, 0.3480



94.4600, 0.3193, 0.3517



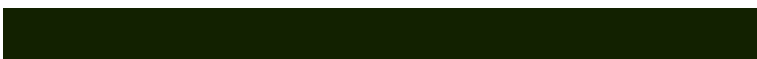
51.5120, 0.3124, 0.3483



11.5183, 0.3195, 0.3522



27.3460, 0.3422, 0.5665



1.2222, 0.3589, 0.5533

Inverse Universe

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



46.5821, 0.3068, 0.3100



82.0756, 0.3056, 0.3063



47.5150, 0.3130, 0.3103



9.9722, 0.3054, 0.3057



4.0426, 0.1967, 0.0857



0.2156, 0.2221, 0.0997

Previews

White Background



This preview shows how the Yxy color 52.4030, 0.3183, 0.3480 looks on a white background.

Color Contrast Check

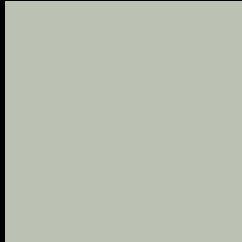
Large Text (above 18pt) WCAG AA × Fail

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 52.4030, 0.3183, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

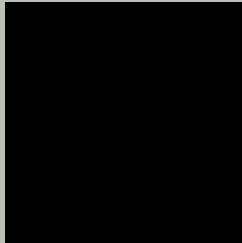
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

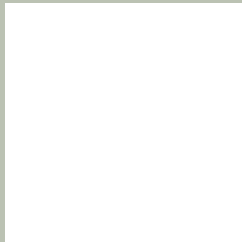
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4030, 0.3183, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 52.4030, 0.3183, 0.3480.



This preview shows how white text looks on a background with the Yxy color 52.4030, 0.3183, 0.3480.

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

52.4030, 0.3183, 0.3480

Protanopia

52.4417, 0.3293, 0.3464

Deuteranopia

52.3303, 0.3408, 0.3338



Tritanopia

52.3111, 0.3024, 0.3106

Trichromacy



Original Color

52.4030, 0.3183, 0.3480

Protanomaly

52.3830, 0.3250, 0.3465

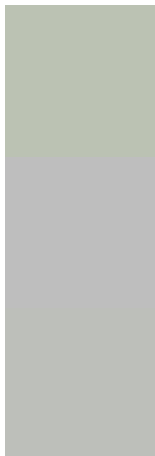
Deuteranomaly

52.0991, 0.3325, 0.3388

Tritanomaly

52.1943, 0.3082, 0.3228

Monochromacy



Original Color

52.4030, 0.3183, 0.3480

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.6256, 0.3149, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4030, 0.3183, 0.3480 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(187, 194, 179)` looks like.

```
.text, #text, p{  
    color:rgb(187, 194, 179)  
}
```

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(187, 194, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 194, 179) }
```

Border

The CSS property to change the border of an element to Yxy 52.4030, 0.3183, 0.3480 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(187, 194, 179) }
```

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

```
.border{ border-color:rgb(187, 194, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 194, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 194, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 194, 179);  
box-shadow:4px 4px 4px 4px rgb(187, 194,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4030, 0.3183, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 194, 179) }
```

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

```
.background{ background-color: rgb(187,  
194, 179) }
```

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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