

Converting Colors

Yxy(53.8015, 0.3153, 0.3428)

Have a look what the booklet for
Yxy(53.8015, 0.3153, 0.3428)
contains.

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Color

Yxy(53.8015, 0.3153, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	BDC4B9
RGB	189, 196, 185
RGB Percent	74%, 77%, 73%
CMY	0.2587, 0.2314, 0.2746
CMYK	0.04, 0.00, 0.06, 0.23
HSL	98°, 9%, 75%
HSV	98°, 6%, 77%
XYZ	49.4855, 53.8015, 53.6602
YIQ	192.6530, -0.6410, -4.9050

Conversions

Conversions Part 2

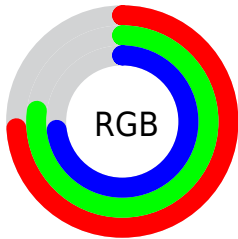
Format	Color
RYB	185, 196, 192
Decimal	12436665
CIELab	78.35, -4.43, 4.69
CIELCh	78, 6.447, 133.347
Yxy	53.8015, 0.3153, 0.3428
Android (android.graphics.Color)	4290626745 (0xFFBDC4B9)
YUV	192.6530, -3.7729, -3.2037
Hunter-Lab	73.3495, -7.9361, 7.9699

Details

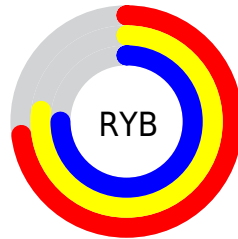
The Yxy color **53.8015, 0.3153, 0.3428** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8722, 0.3100, 0.3153**, and the grayscale version is **53.1394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0139, 0.3147, 0.3408**, and **26.2462, 0.3162, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **51.5139, 0.3198, 0.3693**, and if you desaturate by 10%, it is **56.3434, 0.3107, 0.3188**.

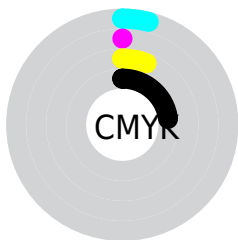
Distribution



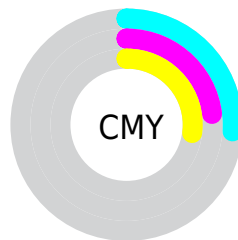
- Red (74%)
- Green (77%)
- Blue (73%)



- Red (73%)
- Yellow (77%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (23%)





- Cyan (26%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8015, 0.3153, 0.3428 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 53.8015, 0.3153, 0.3428 by changing the saturation by 10% instead.

 53.8015, 0.3153,
0.3428

 53.8015, 0.3153,
0.3428


401.3526, 0.3141,
0.3360

 38.4430, 0.3156,
0.3445


 95.7827, 0.3149,
0.3404

 26.3267, 0.3160,
0.3466


123.1742, 0.3147,
0.3394

 17.0682, 0.3164,
0.3494


155.3455, 0.3146,
0.3387

 10.2831, 0.3171,
0.3532

192.6810, 0.3144,
0.3380

 5.5871, 0.3179,
0.3589

235.5651, 0.3143,
0.3374

 2.5957, 0.3193,
0.3679

284.3821, 0.3142,

 0.9245, 0.3246,

0.3369

0.3896

339.5165, 0.3141,
0.3364

0.0000, 0.0000,
0.0000

53.8015, 0.3153,
0.3428

53.8015, 0.3153,
0.3428

51.5139, 0.3198,
0.3693

56.3434, 0.3107,
0.3188

49.4655, 0.3241,
0.3981

59.1403, 0.3062,
0.2974

47.6504, 0.3278,
0.4287

62.2017, 0.3018,
0.2783

46.0594, 0.3306,
0.4602

64.9835, 0.3033,
0.2690

44.6829, 0.3323,
0.4913

67.2111, 0.3125,
0.2707

■ 43.5106, 0.3324,
0.5205

■ 67.9600, 0.3154,
0.2712

■ 42.5308, 0.3308,
0.5458

■ 41.7309, 0.3274,
0.5656

■ 41.0955, 0.3225,
0.5792

Harmonies

Analogous

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



53.8015, 0.3233, 0.3439



53.8015, 0.3153, 0.3428



53.8015, 0.3067, 0.3378

Triad

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



53.8015, 0.3153, 0.3428



53.8015, 0.2972, 0.3169



53.8015, 0.3258, 0.3274

Complementary

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



53.8015, 0.3153, 0.3428



49.8722, 0.3100, 0.3153

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.



53.8015, 0.3186, 0.3204



53.8015, 0.3153, 0.3428



53.8015, 0.3021, 0.3144

Square

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



53.8015, 0.3153, 0.3428



53.8015, 0.2963, 0.3228



53.8015, 0.3100, 0.3157



53.8015, 0.3294, 0.3349

Rectangle

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



53.8015, 0.3153, 0.3428



53.8015, 0.3018, 0.3331



53.8015, 0.3100, 0.3157



53.8015, 0.3237, 0.3249

Sweetspot

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



53.8038, 0.3153, 0.3428



99.0692, 0.3136, 0.3339



52.8373, 0.3213, 0.3374



21.2147, 0.3136, 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.



53.8038, 0.3153, 0.3428



96.8245, 0.3160, 0.3466



53.3473, 0.3111, 0.3413



11.5298, 0.3162, 0.3476



26.2986, 0.3213, 0.5831



1.1755, 0.3396, 0.5685

Inverse Universe

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



49.8722, 0.3100, 0.3153



87.9122, 0.3092, 0.3116



50.3500, 0.3144, 0.3170



10.4130, 0.3090, 0.3106



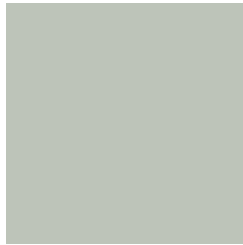
5.3629, 0.2313, 0.1048



0.2697, 0.2516, 0.1160

Previews

White Background



This preview shows how the Yxy color 53.8015, 0.3153, 0.3428 looks on a white background.

Color Contrast Check

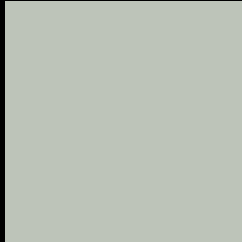
Large Text (above 18pt) WCAG AA × Fail

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 53.8015, 0.3153, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

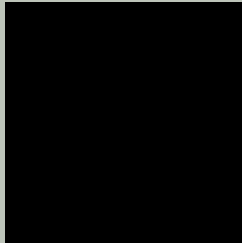
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

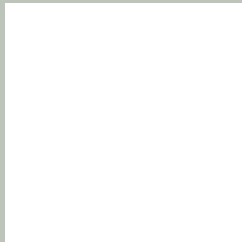
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8015, 0.3153, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 53.8015, 0.3153, 0.3428.



This preview shows how white text looks on a background with the Yxy color 53.8015, 0.3153, 0.3428.

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

53.8015, 0.3153, 0.3428

Protanopia

53.8382, 0.3261, 0.3413

Deuteranopia

53.5756, 0.3364, 0.3291



Tritanopia

54.0315, 0.3017, 0.3109

Trichromacy



Original Color

53.8015, 0.3153, 0.3428

Protanomaly

53.7800, 0.3219, 0.3414

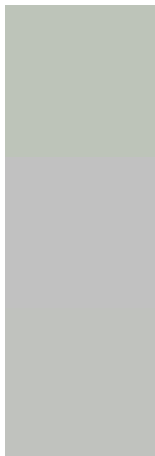
Deuteranomaly

53.4939, 0.3291, 0.3339

Tritanomaly

53.9602, 0.3067, 0.3216

Monochromacy



Original Color

53.8015, 0.3153, 0.3428

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.5077, 0.3141, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8015, 0.3153, 0.3428 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(189, 196, 185)` looks like.

```
.text, #text, p{  
    color:rgb(189, 196, 185)  
}
```

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(189, 196, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 196, 185) }
```

Border

The CSS property to change the border of an element to Yxy 53.8015, 0.3153, 0.3428 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(189, 196, 185) }
```

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

```
.border{ border-color:rgb(189, 196, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 196, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 196, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 196, 185);  
box-shadow:4px 4px 4px 4px rgb(189, 196,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8015, 0.3153, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 196, 185) }
```

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

```
.background{ background-color: rgb(189,  
196, 185) }
```

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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