

Converting Colors

Yxy(53.5053, 0.3144, 0.3441)

Have a look what the booklet for
Yxy(53.5053, 0.3144, 0.3441)
contains.

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Color

Yxy(53.5053, 0.3144, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	BBC4B8
RGB	187, 196, 184
RGB Percent	73%, 77%, 72%
CMY	0.2666, 0.2314, 0.2784
CMYK	0.05, 0.00, 0.06, 0.23
HSL	105°, 9%, 75%
HSV	105°, 6%, 77%
XYZ	48.8871, 53.5053, 53.1010
YIQ	191.9410, -1.5120, -5.6400

Conversions

Conversions Part 2

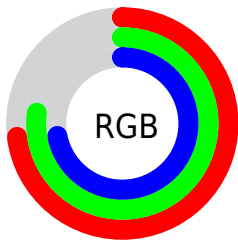
Format	Color
RYB	184, 196, 193
Decimal	12305592
CIELab	78.17, -5.31, 4.94
CIELCh	78, 7.249, 137.043
Yxy	53.5053, 0.3144, 0.3441
Android (android.graphics.Color)	4290495672 (0xFFBBC4B8)
YUV	191.9410, -3.9149, -4.3333
Hunter-Lab	73.1473, -8.7094, 8.1618

Details

The Yxy color **53.5053, 0.3144, 0.3441** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6064, 0.3109, 0.3141**, and the grayscale version is **52.7021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5965, 0.3140, 0.3418**, and **26.0530, 0.3151, 0.3478** is the 20% darker color. If you saturate the color by 10%, you get **50.9823, 0.3170, 0.3710**, and if you desaturate by 10%, it is **56.3364, 0.3116, 0.3200**.

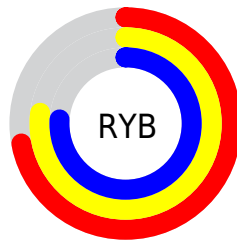
Distribution



Red (73%)

Green (77%)

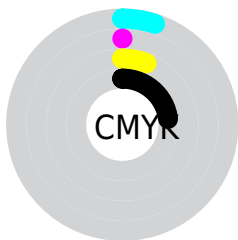
Blue (72%)



Red (72%)

Yellow (77%)

Blue (76%)

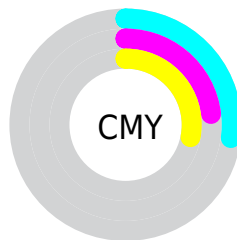


Cyan (5%)

Magenta (0%)

Yellow (6%)

Black (23%)



Cyan (27%)


Magenta (23%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5053, 0.3144, 0.3441 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 53.5053, 0.3144, 0.3441 by changing the saturation by 10% instead.

 53.5053, 0.3144,
0.3441

 53.5053, 0.3144,
0.3441


400.2207, 0.3136,
0.3367

 38.2063, 0.3146,
0.3459


 95.3475, 0.3141,
0.3414

 26.1428, 0.3148,
0.3483


122.6595, 0.3140,
0.3404

 16.9305, 0.3151,
0.3513


154.7446, 0.3139,
0.3395

 10.1850, 0.3155,
0.3556

191.9872, 0.3138,
0.3388

 5.5218, 0.3160,
0.3618

234.7718, 0.3138,
0.3382

 2.5565, 0.3167,
0.3719

283.4826, 0.3137,

 0.9049, 0.3211,

0.3376

0.3977

338.5041, 0.3137,
0.3371

0.0000, 0.0000,
0.0000

53.5053, 0.3144,
0.3441

53.5053, 0.3144,
0.3441

50.9823, 0.3170,
0.3710

56.3364, 0.3116,
0.3200

48.7501, 0.3194,
0.4006

59.4786, 0.3089,
0.2986

46.8002, 0.3212,
0.4324

62.9434, 0.3061,
0.2798

45.1209, 0.3224,
0.4653

66.2536, 0.3086,
0.2700

43.6997, 0.3225,
0.4980

67.9606, 0.3154,
0.2712

■ 42.5233, 0.3215,
0.5286

■ 41.5766, 0.3192,
0.5549

■ 40.8432, 0.3158,
0.5751

■ 40.3032, 0.3115,
0.5882

Harmonies

Analogous

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



53.5053, 0.3236, 0.3459



53.5053, 0.3144, 0.3441



53.5053, 0.3048, 0.3380

Triad

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



53.5053, 0.3144, 0.3441



53.5053, 0.2957, 0.3148



53.5053, 0.3282, 0.3282

Complementary

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



53.5053, 0.3144, 0.3441



49.6064, 0.3109, 0.3141

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.



53.5053, 0.3205, 0.3202



53.5053, 0.3144, 0.3441



53.5053, 0.3017, 0.3125

Square

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



53.5053, 0.3144, 0.3441



53.5053, 0.2941, 0.3210



53.5053, 0.3108, 0.3145



53.5053, 0.3317, 0.3366

Rectangle

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



53.5053, 0.3144, 0.3441



53.5053, 0.2995, 0.3325



53.5053, 0.3108, 0.3145



53.5053, 0.3260, 0.3254

Sweetspot

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



53.5076, 0.3144, 0.3441



98.9580, 0.3133, 0.3339



53.2498, 0.3220, 0.3399



21.1920, 0.3133, 0.3337



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.



53.5076, 0.3144, 0.3441



96.4532, 0.3147, 0.3466



53.2513, 0.3100, 0.3406



11.4834, 0.3148, 0.3476



25.8232, 0.3108, 0.5915



1.1496, 0.3278, 0.5780

Inverse Universe

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



49.6064, 0.3109, 0.3141



88.2974, 0.3106, 0.3117



49.8789, 0.3156, 0.3177



10.4613, 0.3105, 0.3107



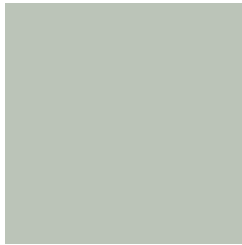
6.5844, 0.2589, 0.1200



0.3154, 0.2734, 0.1280

Previews

White Background



This preview shows how the Yxy color 53.5053, 0.3144, 0.3441 looks on a white background.

Color Contrast Check

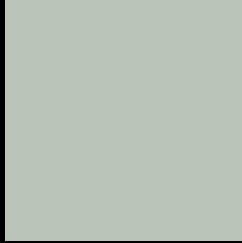
Large Text (above 18pt) WCAG AA × Fail

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 53.5053, 0.3144, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

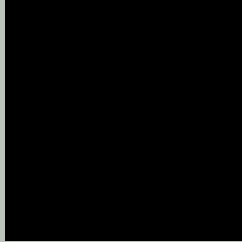
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

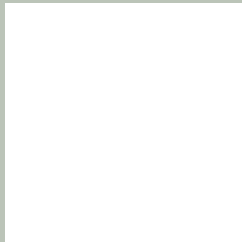
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5053, 0.3144, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 53.5053, 0.3144, 0.3441.



This preview shows how white text looks on a background with the Yxy color 53.5053, 0.3144, 0.3441.

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

53.5053, 0.3144, 0.3441

Protanopia

53.2188, 0.3261, 0.3413

Deuteranopia

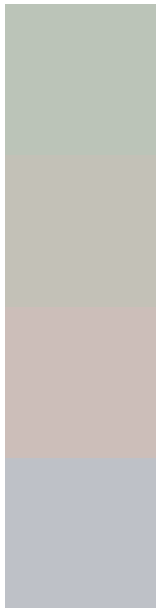
53.3820, 0.3363, 0.3303



Tritanopia

53.3297, 0.3002, 0.3095

Trichromacy



Original Color

53.5053, 0.3144, 0.3441

Protanomaly

53.1609, 0.3219, 0.3414

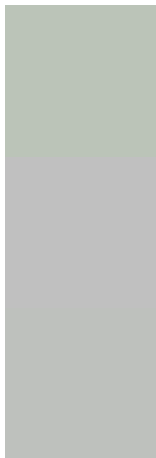
Deuteranomaly

53.1671, 0.3282, 0.3351

Tritanomaly

53.2106, 0.3059, 0.3216

Monochromacy



Original Color

53.5053, 0.3144, 0.3441

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.7612, 0.3133, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5053, 0.3144, 0.3441 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, 196, 184)` looks like.

```
.text, #text, p{  
    color:rgb(187, 196, 184)  
}
```

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, 196, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 196, 184) }
```

Border

The CSS property to change the border of an element to Yxy 53.5053, 0.3144, 0.3441 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, 196, 184) }
```

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

```
.border{ border-color:rgb(187, 196, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 196, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 196, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 196, 184); box-shadow:4px 4px 4px 4px rgb(187, 196, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5053, 0.3144, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 196, 184) }
```

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

```
.background{ background-color: rgb(187,  
196, 184) }
```

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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