

Converting Colors

$Y_{xy}(53.1006, 0.3218, 0.3570)$

Have a look what the booklet for
Yxy(53.1006, 0.3218, 0.3570)
contains.

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Color

Yxy(53.1006, 0.3218, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	BBC4AE
RGB	187, 196, 174
RGB Percent	73%, 77%, 68%
CMY	0.2669, 0.2313, 0.3176
CMYK	0.05, 0.00, 0.11, 0.23
HSL	85°, 16%, 73%
HSV	85°, 11%, 77%
XYZ	47.8649, 53.1006, 47.7757
YIQ	190.8010, 1.6980, -8.7500

Conversions

Conversions Part 2

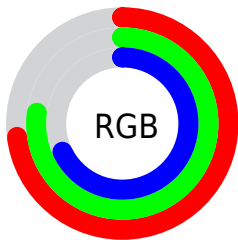
Format	Color
RYB	174, 196, 183
Decimal	12305582
CIELab	77.93, -7.09, 9.98
CIElCh	78, 12.241, 125.399
Yxy	53.1006, 0.3218, 0.3570
Android (android.graphics.Color)	4290495662 (0xFFBBC4AE)
YUV	190.8010, -8.2829, -3.3335
Hunter-Lab	72.8702, -10.2747, 12.1370

Details

The Yxy color **53.1006, 0.3218, 0.3570** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.3394, 0.3029, 0.3007**, and the grayscale version is **52.0245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9624, 0.3204, 0.3529**, and **25.8195, 0.3241, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **51.4034, 0.3298, 0.3838**, and if you desaturate by 10%, it is **54.9713, 0.3137, 0.3319**.

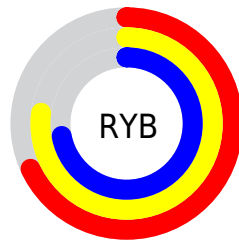
Distribution



Red (73%)

Green (77%)

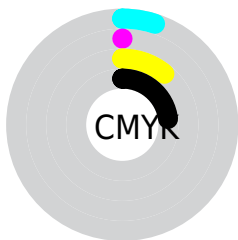
Blue (68%)



Red (68%)

Yellow (77%)

Blue (72%)

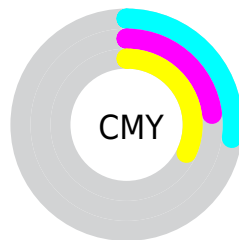


Cyan (5%)

Magenta (0%)

Yellow (11%)

Black (23%)



Cyan (27%)


Magenta (23%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1006, 0.3218, 0.3570 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 53.1006, 0.3218, 0.3570 by changing the saturation by 10% instead.

 53.1006, 0.3218,
0.3570

 53.1006, 0.3218,
0.3570


398.6710, 0.3175,
0.3431

 37.8831, 0.3228,
0.3604


 94.7524, 0.3203,
0.3520

 25.8920, 0.3241,
0.3648


121.9554, 0.3197,
0.3501

 16.7428, 0.3258,
0.3706


153.9225, 0.3192,
0.3485

 10.0513, 0.3280,
0.3787


191.0379, 0.3187,
0.3471

 5.4330, 0.3311,
0.3906

233.6860, 0.3184,
0.3459

 2.5035, 0.3356,
0.4098

282.2513, 0.3180,

 0.8784, 0.3679,

0.3449

0.4883

337.1182, 0.3177,
0.3439

0.0000, 0.0000,
0.0000

53.1006, 0.3218,
0.3570

53.1006, 0.3218,
0.3570

51.4034, 0.3298,
0.3838

54.9713, 0.3137,
0.3319

49.8670, 0.3375,
0.4120

57.0140, 0.3058,
0.3089

48.4876, 0.3444,
0.4407

59.2361, 0.2982,
0.2879

47.2587, 0.3501,
0.4689

61.6426, 0.2910,
0.2690

46.1730, 0.3542,
0.4955

63.0930, 0.2951,
0.2676

■ 45.2227, 0.3561,
0.5190

■ 64.4398, 0.3010,
0.2686

■ 44.3990, 0.3557,
0.5382

■ 65.8491, 0.3069,
0.2697

■ 43.6914, 0.3529,
0.5523

■ 67.3217, 0.3129,
0.2708

■ 43.1500, 0.3491,
0.5610

■ 67.9680, 0.3154,
0.2713

Harmonies

Analogous

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



53.1006, 0.3362, 0.3567



53.1006, 0.3218, 0.3570



53.1006, 0.3053, 0.3492

Triad

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



53.1006, 0.3218, 0.3570



53.1006, 0.2821, 0.3082



53.1006, 0.3346, 0.3221

Complementary

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



53.1006, 0.3218, 0.3570



44.3394, 0.3029, 0.3007

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.



53.1006, 0.3196, 0.3100



53.1006, 0.3218, 0.3570



53.1006, 0.2894, 0.3019

Square

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



53.1006, 0.3218, 0.3570



53.1006, 0.2827, 0.3205



53.1006, 0.3031, 0.3027



53.1006, 0.3438, 0.3362

Rectangle

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



53.1006, 0.3218, 0.3570



53.1006, 0.2953, 0.3406



53.1006, 0.3031, 0.3027



53.1006, 0.3301, 0.3177

Sweetspot

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



53.1029, 0.3218, 0.3570



98.9241, 0.3152, 0.3364



48.5847, 0.3312, 0.3402



21.1133, 0.3158, 0.3384



0.0000, 0.0000, 0.0000



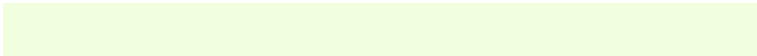
21.4041, 0.3127, 0.3290

Same Dimension

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



53.1029, 0.3218, 0.3570



95.5468, 0.3234, 0.3622



51.7991, 0.3131, 0.3577



11.5448, 0.3203, 0.3522



27.7716, 0.3500, 0.5603



1.2395, 0.3654, 0.5481

Inverse Universe

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



44.3394, 0.3029, 0.3007



77.1318, 0.3009, 0.2955



45.7077, 0.3121, 0.3015



9.9461, 0.3046, 0.3056



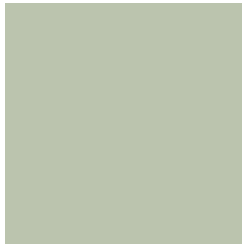
3.7258, 0.1875, 0.0806



0.2013, 0.2136, 0.0950

Previews

White Background



This preview shows how the Yxy color 53.1006, 0.3218, 0.3570 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 53.1006, 0.3218, 0.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

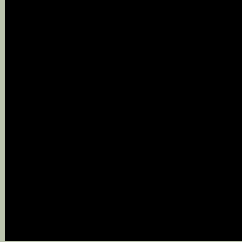
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

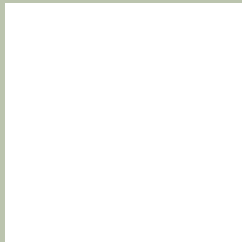
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1006, 0.3218, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 53.1006, 0.3218, 0.3570.



This preview shows how white text looks on a background with the Yxy color 53.1006, 0.3218, 0.3570.

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

53.1006, 0.3218, 0.3570

Protanopia

53.0953, 0.3357, 0.3537

Deuteranopia

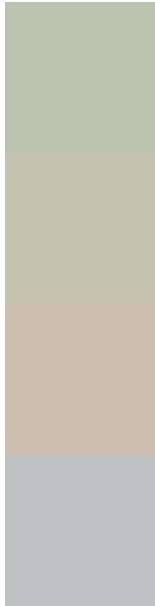
53.0041, 0.3474, 0.3409



Tritanopia

52.9243, 0.3024, 0.3107

Trichromacy



Original Color

53.1006, 0.3218, 0.3570

Protanomaly

52.8928, 0.3305, 0.3540

Deuteranomaly

53.0439, 0.3379, 0.3473

Tritanomaly

52.9821, 0.3096, 0.3278

Monochromacy



Original Color

53.1006, 0.3218, 0.3570

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.5899, 0.3163, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1006, 0.3218, 0.3570 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(187, 196, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 196, 174) }
```

Border

The CSS property to change the border of an element to Yxy 53.1006, 0.3218, 0.3570 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, 174) }
```

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

```
.border{ border-color:rgb(187, 196, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 196, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 196, 174);  
box-shadow:4px 4px 4px 4px rgb(187, 196,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1006, 0.3218, 0.3570 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, 174) }
```

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

```
.background{ background-color: rgb(187,  
196, 174) }
```

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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