

Converting Colors

Yxy(53.9814, 0.3182, 0.3569)

Have a look what the booklet for
Yxy(53.9814, 0.3182, 0.3569)
contains.

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Color

Yxy(53.8370, 0.3185, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	B9C6B0
RGB	185, 198, 176
RGB Percent	73%, 78%, 69%
CMY	0.2747, 0.2235, 0.3098
CMYK	0.07, 0.00, 0.11, 0.22
HSL	96°, 16%, 73%
HSV	96°, 11%, 78%
XYZ	48.0310, 53.8370, 48.9359
YIQ	191.6050, -0.6860, -9.5980

Conversions

Conversions Part 2

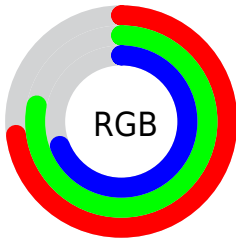
Format	Color
RYB	176, 198, 189
Decimal	12175024
CIELab	78.37, -8.49, 9.50
CIELCh	78, 12.746, 131.792
Yxy	53.8370, 0.3185, 0.3570
Android (android.graphics.Color)	4290365104 (0xFFB9C6B0)
YUV	191.6050, -7.6933, -5.7926
Hunter-Lab	73.3737, -11.5564, 11.8187

Details

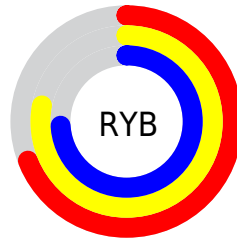
The Yxy color **53.8370, 0.3185, 0.3570** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.9568, 0.3063, 0.3013**, and the grayscale version is **52.5138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0470, 0.3173, 0.3519**, and **26.2821, 0.3206, 0.3653** is the 20% darker color. If you saturate the color by 10%, you get **51.7112, 0.3235, 0.3846**, and if you desaturate by 10%, it is **56.2024, 0.3133, 0.3317**.

Distribution



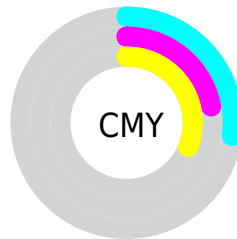
- Red (73%)
- Green (78%)
- Blue (69%)



- Red (69%)
- Yellow (78%)
- Blue (74%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)





- Cyan (27%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8370, 0.3185, 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 53.8370, 0.3185, 0.3570 by changing the saturation by 10% instead.

 53.8370, 0.3185,
0.3570

 53.8370, 0.3185,
0.3570


401.4881, 0.3158,
0.3431

 38.4714, 0.3191,
0.3604


 95.8349, 0.3176,
0.3520

 26.3487, 0.3199,
0.3648


123.2359, 0.3172,
0.3501

 17.0847, 0.3209,
0.3706


155.4175, 0.3169,
0.3485

 10.2949, 0.3222,
0.3787

192.7641, 0.3166,
0.3471

 5.5949, 0.3239,
0.3905

235.6601, 0.3164,
0.3459

 2.6004, 0.3262,
0.4097

284.4898, 0.3161,

 0.9269, 0.3462,

0.3449

0.4768

339.6377, 0.3160,
0.3439

0.0000, 0.0000,
0.0000

53.8370, 0.3185,
0.3570

53.8370, 0.3185,
0.3570

51.7112, 0.3235,
0.3846

56.2024, 0.3133,
0.3317

49.8103, 0.3282,
0.4142

58.8080, 0.3081,
0.3088

48.1283, 0.3321,
0.4450

61.6630, 0.3031,
0.2883

46.6562, 0.3349,
0.4760

64.7608, 0.2984,
0.2703

45.3846, 0.3362,
0.5057

66.7918, 0.3070,
0.2718

■ 44.3031, 0.3358,
0.5323

■ 68.8752, 0.3153,
0.2732

■ 43.3999, 0.3334,
0.5544

■ 42.6619, 0.3292,
0.5706

■ 42.1255, 0.3246,
0.5805

Harmonies

Analogous

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



53.8370, 0.3342, 0.3585



53.8370, 0.3185, 0.3570



53.8370, 0.3015, 0.3474

Triad

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



53.8370, 0.3185, 0.3570



53.8370, 0.2819, 0.3055



53.8370, 0.3381, 0.3249

Complementary

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



53.8370, 0.3185, 0.3570



45.9568, 0.3063, 0.3013

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.



53.8370, 0.3235, 0.3117



53.8370, 0.3185, 0.3570



53.8370, 0.2911, 0.3005

Square

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



53.8370, 0.3185, 0.3570



53.8370, 0.2807, 0.3171



53.8370, 0.3062, 0.3028



53.8370, 0.3458, 0.3395

Rectangle

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



53.8370, 0.3185, 0.3570



53.8370, 0.2918, 0.3377



53.8370, 0.3062, 0.3028



53.8370, 0.3338, 0.3202

Sweetspot

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



53.8393, 0.3185, 0.3570



98.6666, 0.3143, 0.3364



51.4708, 0.3304, 0.3450



21.0439, 0.3147, 0.3384



0.0000, 0.0000, 0.0000



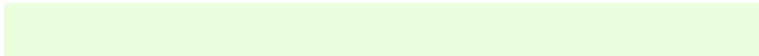
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8393, 0.3185, 0.3570



94.5057, 0.3196, 0.3626



52.8337, 0.3101, 0.3552



12.0950, 0.3176, 0.3524



27.4378, 0.3255, 0.5797



1.3413, 0.3425, 0.5663

Inverse Universe

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



45.9568, 0.3063, 0.3013



78.1739, 0.3050, 0.2959



47.0540, 0.3155, 0.3042



10.5931, 0.3074, 0.3058



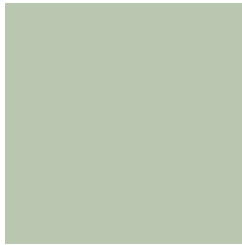
5.1818, 0.2225, 0.0999



0.2869, 0.2428, 0.1111

Previews

White Background



This preview shows how the Yxy color 53.8370, 0.3185, 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 53.8370, 0.3185, 0.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

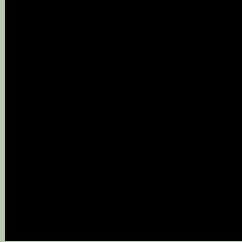
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

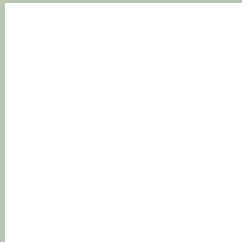
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8370, 0.3185, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 53.8370, 0.3185, 0.3570.



This preview shows how white text looks on a background with the Yxy color 53.8370, 0.3185, 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

53.8370, 0.3185, 0.3570

Protanopia

53.7136, 0.3355, 0.3536

Deuteranopia

53.6604, 0.3464, 0.3397



Tritanopia

53.6905, 0.2987, 0.3095

Trichromacy



Original Color

53.8370, 0.3185, 0.3570

Protanomaly

53.8220, 0.3294, 0.3552

Deuteranomaly

53.5577, 0.3361, 0.3460

Tritanomaly

53.7528, 0.3057, 0.3265

Monochromacy



Original Color

53.8370, 0.3185, 0.3570

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.9476, 0.3147, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8370, 0.3185, 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(185, 198, 176)` looks like.

```
.text, #text, p{  
    color:rgb(185, 198, 176)  
}
```

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(185, 198, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 198, 176) }
```

Border

The CSS property to change the border of an element to Yxy 53.8370, 0.3185, 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(185, 198, 176) }
```

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

```
.border{ border-color:rgb(185, 198, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 198, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 198, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 198, 176); box-shadow:4px 4px 4px 4px rgb(185, 198, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8370, 0.3185, 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(185, 198, 176) }
```

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

```
.background{ background-color: rgb(185,  
198, 176) }
```

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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