

Converting Colors

Yxy(53.9924, 0.3199, 0.3473)

Have a look what the booklet for
Yxy(53.9924, 0.3199, 0.3473)
contains.

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Color

Yxy(53.8924, 0.3199, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	BFC4B5
RGB	191, 196, 181
RGB Percent	75%, 77%, 71%
CMY	0.2509, 0.2314, 0.2903
CMYK	0.03, 0.00, 0.08, 0.23
HSL	80°, 11%, 74%
HSV	80°, 8%, 77%
XYZ	49.5692, 53.8924, 51.4906
YIQ	192.7950, 1.8350, -5.7250

Conversions

Conversions Part 2

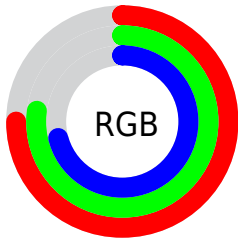
Format	Color
RYB	181, 196, 186
Decimal	12567733
CIELab	78.40, -4.43, 6.94
CIELCh	78, 8.230, 122.542
Yxy	53.8924, 0.3199, 0.3478
Android (android.graphics.Color)	4290757813 (0xFFBFC4B5)
YUV	192.7950, -5.8149, -1.5742
Hunter-Lab	73.4114, -7.9424, 9.8021

Details

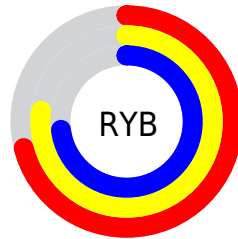
The Yxy color **53.8924, 0.3199, 0.3478** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4544, 0.3052, 0.3100**, and the grayscale version is **53.2383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1391, 0.3183, 0.3447**, and **26.3078, 0.3224, 0.3527** is the 20% darker color. If you saturate the color by 10%, you get **52.3238, 0.3293, 0.3738**, and if you desaturate by 10%, it is **55.6160, 0.3106, 0.3235**.

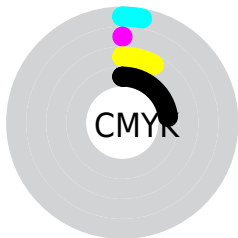
Distribution



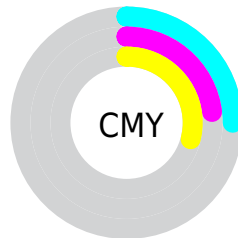
- Red (75%)
- Green (77%)
- Blue (71%)



- Red (71%)
- Yellow (77%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)





- Cyan (25%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8924, 0.3199, 0.3478 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 53.8924, 0.3199, 0.3478 by changing the saturation by 10% instead.


 53.8924, 0.3199,
0.3478

 53.8924, 0.3199,
0.3478


401.6996, 0.3164,
0.3386

 38.5156, 0.3207,
0.3501


 95.9162, 0.3187,
0.3445

 26.3831, 0.3218,
0.3530


123.3321, 0.3182,
0.3432

 17.1105, 0.3231,
0.3568

155.5298, 0.3178,
0.3421

 10.3133, 0.3250,
0.3620

192.8937, 0.3174,
0.3412

 5.6072, 0.3276,
0.3697

235.8083, 0.3171,
0.3404

 2.6077, 0.3316,
0.3820

284.6578, 0.3169,

 0.9305, 0.3473,

0.3397

0.4166

339.8268, 0.3166,
0.3391

0.0000, 0.0000,
0.0000

53.8924, 0.3199,
0.3478

53.8924, 0.3199,
0.3478

52.3238, 0.3293,
0.3738

55.6160, 0.3106,
0.3235

50.8982, 0.3386,
0.4010

57.4926, 0.3015,
0.3011

49.6122, 0.3472,
0.4287

59.5291, 0.2929,
0.2806

48.4601, 0.3549,
0.4561

61.4451, 0.2877,
0.2662

47.4353, 0.3609,
0.4820

62.4579, 0.2923,
0.2671

■ 46.5308, 0.3650,
0.5051

■ 63.5102, 0.2970,
0.2679

■ 45.7386, 0.3667,
0.5244

■ 64.6024, 0.3017,
0.2688

■ 45.0495, 0.3659,
0.5389

■ 65.7349, 0.3064,
0.2696

■ 44.4504, 0.3628,
0.5488

■ 66.9080, 0.3112,
0.2705

Harmonies

Analogous

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



53.8924, 0.3291, 0.3472



53.8924, 0.3199, 0.3478



53.8924, 0.3089, 0.3431

Triad

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



53.8924, 0.3199, 0.3478



53.8924, 0.2919, 0.3158



53.8924, 0.3265, 0.3235

Complementary

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



53.8924, 0.3199, 0.3478



47.4544, 0.3052, 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.



53.8924, 0.3163, 0.3155



53.8924, 0.3199, 0.3478



53.8924, 0.2964, 0.3110

Square

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



53.8924, 0.3199, 0.3478



53.8924, 0.2928, 0.3244



53.8924, 0.3053, 0.3110



53.8924, 0.3331, 0.3331

Rectangle

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



53.8924, 0.3199, 0.3478



53.8924, 0.3020, 0.3376



53.8924, 0.3053, 0.3110



53.8924, 0.3234, 0.3206

Sweetspot

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



53.8947, 0.3199, 0.3478



99.3573, 0.3146, 0.3339



50.0755, 0.3251, 0.3350



21.2733, 0.3145, 0.3336



0.0000, 0.0000, 0.0000



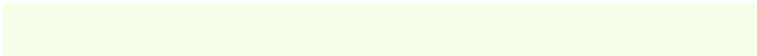
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8947, 0.3199, 0.3478



97.1977, 0.3213, 0.3515



52.9714, 0.3140, 0.3481



11.5861, 0.3215, 0.3521



28.5253, 0.3628, 0.5502



1.2687, 0.3757, 0.5399

Inverse Universe

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



47.4544, 0.3052, 0.3100



83.4238, 0.3036, 0.3061



48.3920, 0.3113, 0.3103



9.9062, 0.3034, 0.3056



3.3214, 0.1751, 0.0738



0.1816, 0.2012, 0.0882

Previews

White Background



This preview shows how the Yxy color 53.8924, 0.3199, 0.3478 looks on a white background.

Color Contrast Check

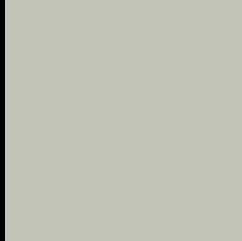
Large Text (above 18pt) WCAG AA × Fail

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 53.8924, 0.3199, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

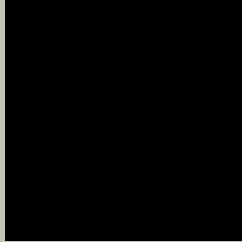
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

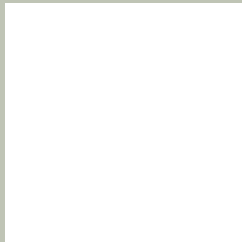
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8924, 0.3199, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 53.8924, 0.3199, 0.3478.



This preview shows how white text looks on a background with the Yxy color 53.8924, 0.3199, 0.3478.

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

53.8924, 0.3199, 0.3478

Protanopia

53.8121, 0.3300, 0.3462

Deuteranopia

53.7113, 0.3414, 0.3338



Tritanopia

53.8064, 0.3040, 0.3109

Trichromacy



Original Color

53.8924, 0.3199, 0.3478

Protanomaly

53.7492, 0.3258, 0.3463

Deuteranomaly

53.6142, 0.3340, 0.3387

Tritanomaly

53.6865, 0.3098, 0.3229

Monochromacy



Original Color

53.8924, 0.3199, 0.3478

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4642, 0.3148, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8924, 0.3199, 0.3478 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(191, 196, 181)` looks like.

```
.text, #text, p{  
    color:rgb(191, 196, 181)  
}
```

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(191, 196, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 196, 181) }
```

Border

The CSS property to change the border of an element to Yxy 53.8924, 0.3199, 0.3478 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(191, 196, 181) }
```

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

```
.border{ border-color:rgb(191, 196, 181) }
```

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

Here you see how a box with a 4 pixel rgb(191, 196, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 196, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 196, 181);  
box-shadow:4px 4px 4px 4px rgb(191, 196,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8924, 0.3199, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 196, 181) }
```

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

```
.background{ background-color: rgb(191,  
196, 181) }
```

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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