

Converting Colors

Yxy(53.9805, 0.3202, 0.3560)

Have a look what the booklet for
Yxy(53.9805, 0.3202, 0.3560)
contains.

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Color

Yxy(54.0876, 0.3201, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	BBC6B0
RGB	187, 198, 176
RGB Percent	73%, 78%, 69%
CMY	0.2669, 0.2234, 0.3099
CMYK	0.06, 0.00, 0.11, 0.22
HSL	90°, 16%, 73%
HSV	90°, 11%, 78%
XYZ	48.5106, 54.0876, 48.9501
YIQ	192.2030, 0.5060, -9.1740

Conversions

Conversions Part 2

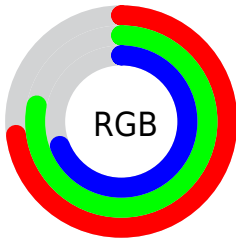
Format	Color
RYB	176, 198, 187
Decimal	12306096
CIELab	78.51, -7.80, 9.74
CIELCh	79, 12.481, 128.700
Yxy	54.0876, 0.3201, 0.3569
Android (android.graphics.Color)	4290496176 (0xFFBBC6B0)
YUV	192.2030, -7.9881, -4.5630
Hunter-Lab	73.5443, -10.9619, 12.0183

Details

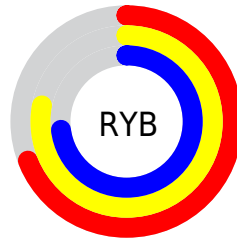
The Yxy color **54.0876, 0.3201, 0.3569** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6989, 0.3046, 0.3011**, and the grayscale version is **52.8794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4009, 0.3185, 0.3518**, and **26.4449, 0.3228, 0.3651** is the 20% darker color. If you saturate the color by 10%, you get **52.1492, 0.3266, 0.3841**, and if you desaturate by 10%, it is **56.2323, 0.3135, 0.3317**.

Distribution



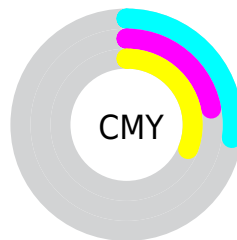
- Red (73%)
- Green (78%)
- Blue (69%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0876, 0.3201, 0.3569 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 54.0876, 0.3201, 0.3569 by changing the saturation by 10% instead.

■ 54.0876, 0.3201,
0.3569

■ 54.0876, 0.3201,
0.3569

402.4440, 0.3166,
0.3431

■ 38.6717, 0.3209,
0.3603

■ 96.2029, 0.3189,
0.3519

■ 26.5044, 0.3219,
0.3647

123.6710, 0.3184,
0.3500

■ 17.2014, 0.3232,
0.3704

155.9253, 0.3180,
0.3484

■ 10.3782, 0.3250,
0.3783

193.3503, 0.3176,
0.3471

■ 5.6504, 0.3273,
0.3900

236.3302, 0.3173,
0.3459

■ 2.6337, 0.3307,
0.4089

285.2496, 0.3171,

■ 0.9436, 0.3537,

0.3448

0.4732

340.4927, 0.3168,
0.3439

0.0000, 0.0000,
0.0000

54.0876, 0.3201,
0.3569

54.0876, 0.3201,
0.3569

52.1492, 0.3266,
0.3841

56.2323, 0.3135,
0.3317

50.4034, 0.3328,
0.4130

58.5825, 0.3069,
0.3087

48.8453, 0.3381,
0.4428


61.1468, 0.3006,
0.2880

47.4675, 0.3423,
0.4725

63.9180, 0.2947,
0.2696


46.2616, 0.3449,
0.5007

65.5841, 0.3019,
0.2709


 45.2188, 0.3456,
0.5259

 67.3455, 0.3092,
0.2722

 44.3287, 0.3440,
0.5466

 68.8795, 0.3153,
0.2732

 43.5798, 0.3403,
0.5620

 43.0160, 0.3358,
0.5716

Harmonies

Analogous

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



54.0876, 0.3351, 0.3575



54.0876, 0.3201, 0.3569



54.0876, 0.3034, 0.3482

Triad

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



54.0876, 0.3201, 0.3569



54.0876, 0.2821, 0.3069



54.0876, 0.3363, 0.3235

Complementary

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



54.0876, 0.3201, 0.3569



45.6989, 0.3046, 0.3011

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.



54.0876, 0.3215, 0.3109



54.0876, 0.3201, 0.3569



54.0876, 0.2904, 0.3013

Square

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



54.0876, 0.3201, 0.3569



54.0876, 0.2818, 0.3188



54.0876, 0.3047, 0.3028



54.0876, 0.3447, 0.3378

Rectangle

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



54.0876, 0.3201, 0.3569



54.0876, 0.2936, 0.3391



54.0876, 0.3047, 0.3028



54.0876, 0.3319, 0.3190

Sweetspot

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



54.0899, 0.3201, 0.3569



98.7941, 0.3147, 0.3364



50.6865, 0.3307, 0.3428



21.0782, 0.3153, 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.



54.0899, 0.3201, 0.3569



95.0176, 0.3215, 0.3624



52.7622, 0.3114, 0.3576



12.1422, 0.3189, 0.3524



28.0174, 0.3368, 0.5708



1.3697, 0.3529, 0.5580

Inverse Universe

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



45.6989, 0.3046, 0.3011



77.6528, 0.3030, 0.2957



47.1332, 0.3140, 0.3019



10.5453, 0.3060, 0.3057



4.4517, 0.2039, 0.0897



0.2538, 0.2268, 0.1023

Previews

White Background



This preview shows how the Yxy color 54.0876, 0.3201, 0.3569 looks on a white background.

Color Contrast Check

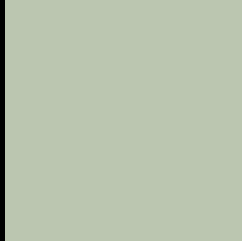
Large Text (above 18pt) WCAG AA × Fail

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 54.0876, 0.3201, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

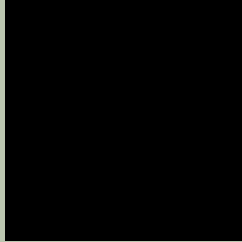
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

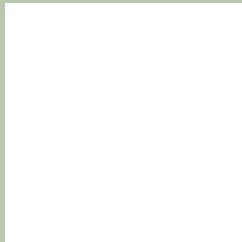
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0876, 0.3201, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 54.0876, 0.3201, 0.3569.



This preview shows how white text looks on a background with the Yxy color 54.0876, 0.3201, 0.3569.

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

54.0876, 0.3201, 0.3569

Protanopia

53.7525, 0.3348, 0.3524

Deuteranopia

53.8151, 0.3473, 0.3397



Tritanopia

53.9498, 0.3002, 0.3096

Trichromacy



Original Color

54.0876, 0.3201, 0.3569

Protanomaly

53.9957, 0.3295, 0.3538

Deuteranomaly

53.7013, 0.3370, 0.3460

Tritanomaly

54.0086, 0.3073, 0.3265

Monochromacy



Original Color

54.0876, 0.3201, 0.3569

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.0759, 0.3155, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0876, 0.3201, 0.3569 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, 198, 176)` looks like.

```
.text, #text, p{  
    color:rgb(187, 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(187, 198, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 198, 176) }
```

Border

The CSS property to change the border of an element to Yxy 54.0876, 0.3201, 0.3569 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, 198, 176) }
```

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

```
.border{ border-color:rgb(187, 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(187, 198, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 198, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 198, 176);  
box-shadow:4px 4px 4px 4px rgb(187, 198,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0876, 0.3201, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 198, 176) }
```

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

```
.background{ background-color: rgb(187,  
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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