

Converting Colors

Yxy(53.2353, 0.3286, 0.3509)

Have a look what the booklet for
Yxy(53.2353, 0.3286, 0.3509)
contains.

Yxy(53.0103, 0.3281, 0.3502)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.0103, 0.3281, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	C4C1B0
RGB	196, 193, 176
RGB Percent	77%, 76%, 69%
CMY	0.2315, 0.2431, 0.3097
CMYK	0.00, 0.02, 0.10, 0.23
HSL	51°, 14%, 73%
HSV	51°, 10%, 77%
XYZ	49.6650, 53.0103, 48.6962
YIQ	191.9590, 7.2450, -4.6510

Conversions

Conversions Part 2

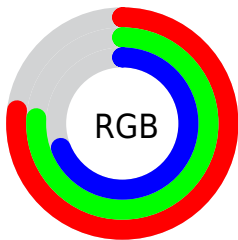
Format	Color
RYB	180, 196, 176
Decimal	12894640
CIELab	77.88, -1.94, 8.92
CIELCh	78, 9.124, 102.250
Yxy	53.0103, 0.3281, 0.3502
Android (android.graphics.Color)	4291084720 (0xFFC4C1B0)
YUV	191.9590, -7.8678, 3.5440
Hunter-Lab	72.8082, -5.6532, 11.3109

Details

The Yxy color **53.0103, 0.3281, 0.3502** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.4408, 0.2970, 0.3069**, and the grayscale version is **52.7296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4602, 0.3255, 0.3456**, and **25.9622, 0.3314, 0.3559** is the 20% darker color. If you saturate the color by 10%, you get **51.0245, 0.3441, 0.3718**, and if you desaturate by 10%, it is **55.1378, 0.3130, 0.3294**.

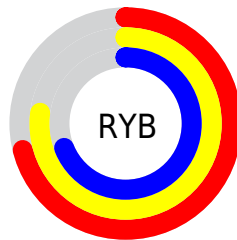
Distribution



Red (77%)

Green (76%)

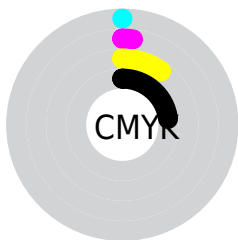
Blue (69%)



Red (71%)

Yellow (77%)

Blue (69%)

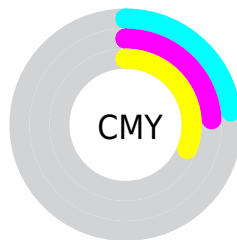


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (23%)



Cyan (23%)


Magenta (24%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0103, 0.3281, 0.3502 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 53.0103, 0.3281, 0.3502 by changing the saturation by 10% instead.

 53.0103, 0.3281,
0.3502

 53.0103, 0.3281,
0.3502


398.3246, 0.3206,
0.3398

 37.8110, 0.3299,
0.3527


 94.6195, 0.3254,
0.3465

 25.8360, 0.3322,
0.3560


121.7982, 0.3244,
0.3450

 16.7010, 0.3352,
0.3603

153.7389, 0.3235,
0.3438

 10.0216, 0.3394,
0.3661

190.8258, 0.3228,
0.3428

 5.4132, 0.3453,
0.3747

233.4435, 0.3221,
0.3419

 2.4917, 0.3545,
0.3883

281.9762, 0.3216,

 0.8725, 0.3947,

0.3411

0.4404

336.8085, 0.3210,
0.3404

0.0000, 0.0000,
0.0000

53.0103, 0.3281,
0.3502

53.0103, 0.3281,
0.3502

51.0245, 0.3441,
0.3718

55.1378, 0.3130,
0.3294

49.1684, 0.3607,
0.3935

57.4047, 0.2989,
0.3096

47.4393, 0.3775,
0.4146

59.8176, 0.2860,
0.2911

45.8313, 0.3939,
0.4344

62.3807, 0.2743,
0.2740

44.3382, 0.4092,
0.4517

63.8134, 0.2742,
0.2767

■ 42.9533, 0.4227,
0.4657

■ 65.2333, 0.2744,
0.2800

■ 41.6686, 0.4338,
0.4755

■ 66.6790, 0.2747,
0.2832

■ 40.4749, 0.4422,
0.4808

■ 68.1508, 0.2750,
0.2865

■ 39.3737, 0.4481,
0.4824

■ 69.6487, 0.2752,
0.2898

Harmonies

Analogous

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



53.0103, 0.3354, 0.3457



53.0103, 0.3281, 0.3502



53.0103, 0.3168, 0.3489

Triad

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



53.0103, 0.3281, 0.3502



53.0103, 0.2895, 0.3204



53.0103, 0.3207, 0.3166

Complementary

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



53.0103, 0.3281, 0.3502



45.4408, 0.2970, 0.3069

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.



53.0103, 0.3083, 0.3101



53.0103, 0.3281, 0.3502



53.0103, 0.2905, 0.3120

Square

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



53.0103, 0.3281, 0.3502



53.0103, 0.2946, 0.3314



53.0103, 0.2973, 0.3084



53.0103, 0.3311, 0.3263

Rectangle

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



53.0103, 0.3281, 0.3502



53.0103, 0.3085, 0.3448



53.0103, 0.2973, 0.3084



53.0103, 0.3166, 0.3139

Sweetspot

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



53.0126, 0.3281, 0.3502



98.7982, 0.3172, 0.3352



46.0426, 0.3279, 0.3253



21.0790, 0.3184, 0.3369



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.



53.0126, 0.3281, 0.3502



95.3334, 0.3313, 0.3545



53.4142, 0.3220, 0.3542



11.4966, 0.3268, 0.3485



25.4093, 0.4477, 0.4828



1.1684, 0.4404, 0.4885

Inverse Universe

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



45.4408, 0.2970, 0.3069



79.1257, 0.2937, 0.3022



45.1076, 0.3028, 0.3034



9.9828, 0.2983, 0.3088



3.2031, 0.1537, 0.0732



0.2169, 0.1632, 0.1073

Previews

White Background



This preview shows how the Yxy color 53.0103, 0.3281, 0.3502 looks on a white background.

Color Contrast Check

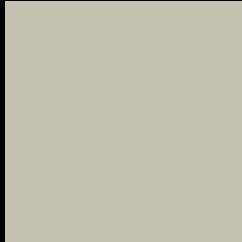
Large Text (above 18pt) WCAG AA × Fail

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 53.0103, 0.3281, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

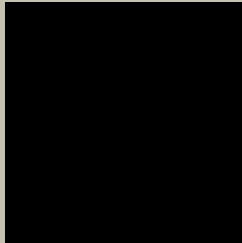
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

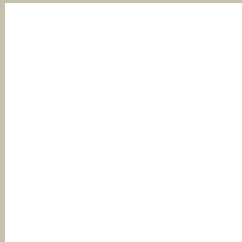
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0103, 0.3281, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 53.0103, 0.3281, 0.3502.



This preview shows how white text looks on a background with the Yxy color 53.0103, 0.3281, 0.3502.

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

53.0103, 0.3281, 0.3502

Protanopia

53.0738, 0.3324, 0.3500

Deuteranopia

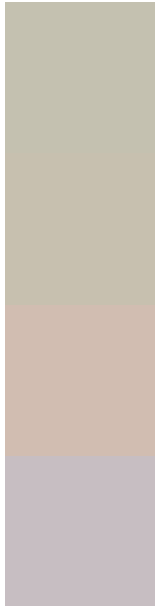
53.0438, 0.3466, 0.3397



Tritanopia

53.0342, 0.3103, 0.3110

Trichromacy



Original Color

53.0103, 0.3281, 0.3502

Protanomaly

52.9365, 0.3316, 0.3501

Deuteranomaly

53.1248, 0.3390, 0.3435

Tritanomaly

52.8641, 0.3170, 0.3241

Monochromacy



Original Color

53.0103, 0.3281, 0.3502

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5819, 0.3181, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0103, 0.3281, 0.3502 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(196, 193, 176)` looks like.

```
.text, #text, p{  
    color:rgb(196, 193, 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(196, 193, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 193, 176) }
```

Border

The CSS property to change the border of an element to Yxy 53.0103, 0.3281, 0.3502 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(196, 193, 176) }
```

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

```
.border{ border-color:rgb(196, 193, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 193, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 193, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 193, 176);  
box-shadow:4px 4px 4px 4px rgb(196, 193,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0103, 0.3281, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 193, 176) }
```

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

```
.background{ background-color: rgb(196,  
193, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor