

Converting Colors

Yxy(53.9284, 0.3415, 0.3546)

Have a look what the booklet for
Yxy(53.9284, 0.3415, 0.3546)
contains.

Yxy(53.9049, 0.3416, 0.3546)	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(53.9049, 0.3416, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	CFC0AB
RGB	207, 192, 171
RGB Percent	81%, 75%, 67%
CMY	0.1883, 0.2470, 0.3295
CMYK	0.00, 0.07, 0.17, 0.19
HSL	35°, 27%, 74%
HSV	35°, 17%, 81%
XYZ	51.9287, 53.9049, 46.1825
YIQ	194.0910, 15.6810, -3.3510

Conversions

Conversions Part 2

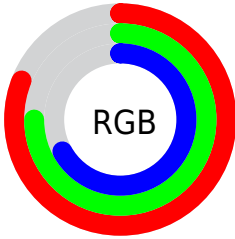
Format	Color
RYB	197, 207, 171
Decimal	13615275
CIELab	78.41, 1.83, 12.50
CIElCh	78, 12.634, 81.679
Yxy	53.9049, 0.3416, 0.3546
Android (android.graphics.Color)	4291805355 (0xFFCFC0AB)
YUV	194.0910, -11.3839, 11.3212
Hunter-Lab	73.4200, -2.2349, 14.0995

Details

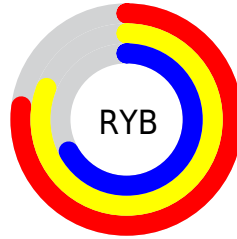
The Yxy color **53.9049, 0.3416, 0.3546** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.2595, 0.2854, 0.3020**, and the grayscale version is **54.0668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8858, 0.3306, 0.3505**, and **26.4725, 0.3485, 0.3616** is the 20% darker color. If you saturate the color by 10%, you get **49.5073, 0.3609, 0.3701**, and if you desaturate by 10%, it is **58.6522, 0.3243, 0.3396**.

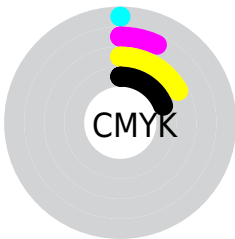
Distribution



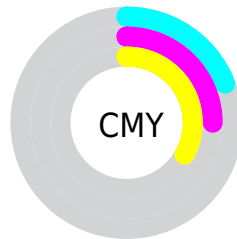
- Red (81%)
- Green (75%)
- Blue (67%)



- Red (77%)
- Yellow (81%)
- Blue (67%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (19%)





- Cyan (19%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9049, 0.3416, 0.3546 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 53.9049, 0.3416, 0.3546 by changing the saturation by 10% instead.


 53.9049, 0.3416,
0.3546

 53.9049, 0.3416,
0.3546


401.7473, 0.3275,
0.3422

 38.5256, 0.3450,
0.3576


 95.9346, 0.3365,
0.3502

 26.3909, 0.3494,
0.3614


123.3538, 0.3346,
0.3485

 17.1163, 0.3550,
0.3663


155.5552, 0.3330,
0.3470

 10.3174, 0.3628,
0.3729


192.9230, 0.3316,
0.3458

 5.6099, 0.3739,
0.3823

235.8417, 0.3304,
0.3447

 2.6094, 0.3911,
0.3966

284.6958, 0.3293,

 0.9314, 0.4654,

0.3438

0.4650

339.8695, 0.3283,
0.3429

0.0000, 0.0000,
0.0000

53.9049, 0.3416,
0.3546

53.9049, 0.3416,
0.3546

49.5073, 0.3609,
0.3701

58.6522, 0.3243,
0.3396

45.4427, 0.3821,
0.3857

63.7509, 0.3089,
0.3254

41.7033, 0.4049,
0.4005

69.2121, 0.2953,
0.3121

38.2787, 0.4287,
0.4138

75.0440, 0.2833,
0.2999

35.1570, 0.4526,
0.4243

79.9364, 0.2831,
0.3079

■ 32.3258, 0.4754,
0.4309

■ 84.9885, 0.2837,
0.3171

■ 29.7707, 0.4959,
0.4325

■ 90.2827, 0.2842,
0.3261

■ 27.4736, 0.5129,
0.4289

■ 92.0043, 0.2844,
0.3289

■ 26.9121, 0.5172,
0.4276

Harmonies

Analogous

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



53.9049, 0.3461, 0.3439



53.9049, 0.3416, 0.3546



53.9049, 0.3293, 0.3587

Triad

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



53.9049, 0.3416, 0.3546



53.9049, 0.2849, 0.3273



53.9049, 0.3119, 0.3053

Complementary

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



53.9049, 0.3416, 0.3546



48.2595, 0.2854, 0.3020

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.



53.9049, 0.2958, 0.3007



53.9049, 0.3416, 0.3546



53.9049, 0.2805, 0.3128

Square

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



53.9049, 0.3416, 0.3546



53.9049, 0.2966, 0.3427



53.9049, 0.2844, 0.3033



53.9049, 0.3287, 0.3158

Rectangle

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



53.9049, 0.3416, 0.3546



53.9049, 0.3185, 0.3568



53.9049, 0.2844, 0.3033



53.9049, 0.3062, 0.3030

Sweetspot

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



53.9073, 0.3416, 0.3546



95.8685, 0.3205, 0.3362



45.9250, 0.3326, 0.3107



20.3980, 0.3216, 0.3372



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.



53.9073, 0.3416, 0.3546



83.6203, 0.3488, 0.3605



60.3974, 0.3363, 0.3722



12.9389, 0.3276, 0.3426



17.1478, 0.5155, 0.4289



1.1135, 0.4932, 0.4466

Inverse Universe

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



48.2595, 0.2854, 0.3020



72.8638, 0.2790, 0.2953



42.6169, 0.2868, 0.2825



12.2141, 0.2982, 0.3151



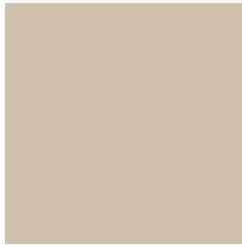
7.2197, 0.1701, 0.1322



0.5587, 0.1802, 0.1687

Previews

White Background



This preview shows how the Yxy color 53.9049, 0.3416, 0.3546 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 53.9049, 0.3416, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

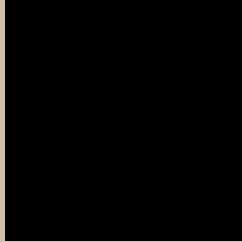
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

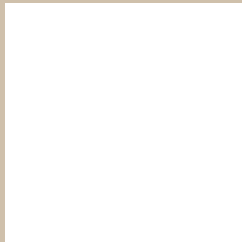
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9049, 0.3416, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 53.9049, 0.3416, 0.3546.



This preview shows how white text looks on a background with the Yxy color 53.9049, 0.3416, 0.3546.

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

53.9049, 0.3416, 0.3546

Protanopia

53.8150, 0.3372, 0.3548

Deuteranopia

53.8914, 0.3540, 0.3467



Tritanopia

53.6538, 0.3210, 0.3115

Trichromacy



Original Color

53.9049, 0.3416, 0.3546

Protanomaly

53.9559, 0.3380, 0.3547

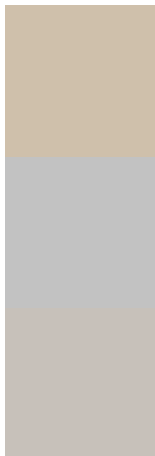
Deuteranomaly

53.9727, 0.3492, 0.3492

Tritanomaly

53.8584, 0.3286, 0.3267

Monochromacy



Original Color

53.9049, 0.3416, 0.3546

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8272, 0.3229, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9049, 0.3416, 0.3546 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(207, 192, 171)` looks like.

```
.text, #text, p{  
    color:rgb(207, 192, 171)  
}
```

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(207, 192, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 192, 171) }
```

Border

The CSS property to change the border of an element to Yxy 53.9049, 0.3416, 0.3546 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(207, 192, 171) }
```

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

```
.border{ border-color:rgb(207, 192, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 192, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 192, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 192, 171);  
box-shadow:4px 4px 4px 4px rgb(207, 192,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9049, 0.3416, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 192, 171) }
```

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

```
.background{ background-color: rgb(207,  
192, 171) }
```

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