

Converting Colors

$Yxy(53.7753, 0.3338, 0.3523)$

Have a look what the booklet for
Yxy(53.7753, 0.3338, 0.3523)
contains.

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Color

Yxy(53.6134, 0.3339, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	C9C1AE
RGB	201, 193, 174
RGB Percent	79%, 76%, 68%
CMY	0.2118, 0.2431, 0.3176
CMYK	0.00, 0.04, 0.13, 0.21
HSL	42°, 20%, 74%
HSV	42°, 13%, 79%
XYZ	50.7988, 53.6134, 47.7257
YIQ	193.2260, 10.8670, -4.2130

Conversions

Conversions Part 2

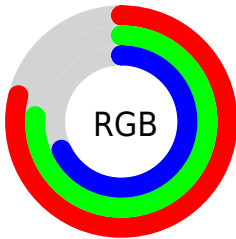
Format	Color
RYB	185, 201, 174
Decimal	13222318
CIELab	78.24, -0.42, 10.55
CIElCh	78, 10.560, 92.296
Yxy	53.6134, 0.3339, 0.3524
Android (android.graphics.Color)	4291412398 (0xFFC9C1AE)
YUV	193.2260, -9.4784, 6.8178
Hunter-Lab	73.2212, -4.2986, 12.6095

Details

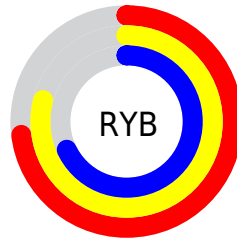
The Yxy color **53.6134, 0.3339, 0.3524** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6818, 0.2918, 0.3045**, and the grayscale version is **53.5222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6685, 0.3286, 0.3485**, and **26.3644, 0.3392, 0.3588** is the 20% darker color. If you saturate the color by 10%, you get **50.3078, 0.3514, 0.3706**, and if you desaturate by 10%, it is **57.1472, 0.3179, 0.3348**.

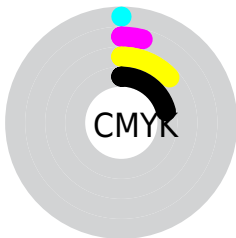
Distribution



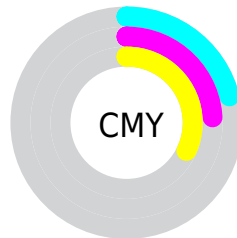
- Red (79%)
- Green (76%)
- Blue (68%)



- Red (73%)
- Yellow (79%)
- Blue (68%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6134, 0.3339, 0.3524 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 53.6134, 0.3339, 0.3524 by changing the saturation by 10% instead.

■ 53.6134, 0.3339,
0.3524

■ 53.6134, 0.3339,
0.3524

400.6341, 0.3236,
0.3410

■ 38.2927, 0.3364,
0.3552

■ 95.5064, 0.3302,
0.3483

■ 26.2099, 0.3396,
0.3587

122.8474, 0.3288,
0.3467

■ 16.9807, 0.3437,
0.3633

154.9640, 0.3276,
0.3454

■ 10.2208, 0.3494,
0.3696

192.2405, 0.3266,
0.3443

■ 5.5456, 0.3575,
0.3787

235.0614, 0.3257,
0.3433

■ 2.5708, 0.3702,
0.3929

283.8110, 0.3249,

■ 0.9120, 0.4232,

0.3424

0.4507

338.8738, 0.3242,
0.3417

0.0000, 0.0000,
0.0000

53.6134, 0.3339,
0.3524

53.6134, 0.3339,
0.3524

50.3078, 0.3514,
0.3706

57.1472, 0.3179,
0.3348

47.2169, 0.3701,
0.3890

60.9082, 0.3033,
0.3182

44.3362, 0.3897,
0.4069

64.9045, 0.2902,
0.3026

41.6583, 0.4097,
0.4234

69.1417, 0.2785,
0.2882

39.1753, 0.4293,
0.4375

72.3031, 0.2786,
0.2942

■ 36.8785, 0.4476,
0.4480

■ 75.5394, 0.2791,
0.3008

■ 34.7577, 0.4636,
0.4541

■ 78.8888, 0.2796,
0.3073

■ 32.8013, 0.4766,
0.4553

■ 82.3524, 0.2800,
0.3138

■ 31.5909, 0.4839,
0.4540

■ 85.9314, 0.2804,
0.3201

Harmonies

Analogous

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



53.6134, 0.3401, 0.3452



53.6134, 0.3339, 0.3524



53.6134, 0.3220, 0.3533

Triad

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



53.6134, 0.3339, 0.3524



53.6134, 0.2873, 0.3231



53.6134, 0.3172, 0.3117

Complementary

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



53.6134, 0.3339, 0.3524



46.6818, 0.2918, 0.3045

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.



53.6134, 0.3030, 0.3059



53.6134, 0.3339, 0.3524



53.6134, 0.2860, 0.3121

Square

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



53.6134, 0.3339, 0.3524



53.6134, 0.2952, 0.3361



53.6134, 0.2917, 0.3060



53.6134, 0.3304, 0.3219

Rectangle

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



53.6134, 0.3339, 0.3524



53.6134, 0.3126, 0.3500



53.6134, 0.2917, 0.3060



53.6134, 0.3124, 0.3092

Sweetspot

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



53.6158, 0.3339, 0.3524



97.4464, 0.3188, 0.3359



46.0802, 0.3301, 0.3190



20.7563, 0.3200, 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.



53.6158, 0.3339, 0.3524



90.1700, 0.3387, 0.3575



56.5132, 0.3282, 0.3623



11.8655, 0.3272, 0.3452



20.0288, 0.4828, 0.4549



1.0700, 0.4666, 0.4677

Inverse Universe

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



46.6818, 0.2918, 0.3045



76.0992, 0.2871, 0.2988



44.1310, 0.2959, 0.2943



10.7914, 0.2983, 0.3123



4.7964, 0.1612, 0.1004



0.3554, 0.1732, 0.1436

Previews

White Background



This preview shows how the Yxy color 53.6134, 0.3339, 0.3524 looks on a white background.

Color Contrast Check

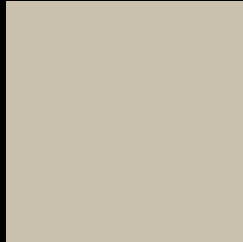
Large Text (above 18pt) WCAG AA × Fail

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 53.6134, 0.3339, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

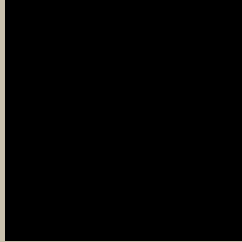
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

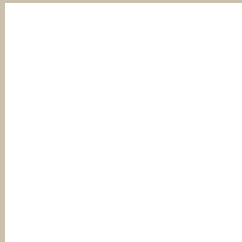
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6134, 0.3339, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 53.6134, 0.3339, 0.3524.



This preview shows how white text looks on a background with the Yxy color 53.6134, 0.3339, 0.3524.

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

53.6134, 0.3339, 0.3524

Protanopia

53.6134, 0.3339, 0.3524

Deuteranopia

53.6959, 0.3498, 0.3432



Tritanopia

53.7340, 0.3144, 0.3112

Trichromacy



Original Color

53.6134, 0.3339, 0.3524

Protanomaly

53.6134, 0.3339, 0.3524

Deuteranomaly

53.4874, 0.3433, 0.3458

Tritanomaly

53.5145, 0.3219, 0.3254

Monochromacy



Original Color

53.6134, 0.3339, 0.3524

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4209, 0.3204, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6134, 0.3339, 0.3524 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(201, 193, 174)` looks like.

```
.text, #text, p{  
    color:rgb(201, 193, 174)  
}
```

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(201, 193, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 193, 174) }
```

Border

The CSS property to change the border of an element to Yxy 53.6134, 0.3339, 0.3524 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(201, 193, 174) }
```

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

```
.border{ border-color:rgb(201, 193, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 193, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 193, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 193, 174);  
box-shadow:4px 4px 4px 4px rgb(201, 193,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6134, 0.3339, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 193, 174) }
```

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

```
.background{ background-color: rgb(201,  
193, 174) }
```

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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