

Converting Colors

Yxy(53.4331, 0.3330, 0.3501)

Have a look what the booklet for
Yxy(53.4331, 0.3330, 0.3501)
contains.

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Color

Yxy(53.2119, 0.3333, 0.3500)

Conversions

Conversions Part 1

Format	Color
Hex	C9C0AF
RGB	201, 192, 175
RGB Percent	79%, 75%, 69%
CMY	0.2118, 0.2470, 0.3138
CMYK	0.00, 0.04, 0.13, 0.21
HSL	39°, 19%, 74%
HSV	39°, 13%, 79%
XYZ	50.6729, 53.2119, 48.1492
YIQ	192.7530, 10.8210, -3.3790

Conversions

Conversions Part 2

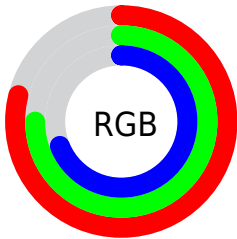
Format	Color
RYB	189, 201, 175
Decimal	13222063
CIELab	78.00, 0.26, 9.70
CIELCh	78, 9.700, 88.477
Yxy	53.2119, 0.3333, 0.3500
Android (android.graphics.Color)	4291412143 (0xFFC9C0AF)
YUV	192.7530, -8.7522, 7.2326
Hunter-Lab	72.9465, -3.6597, 11.9275

Details

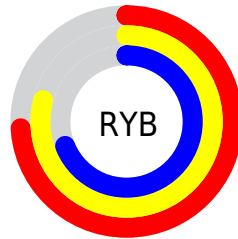
The Yxy color $53.2119, 0.3333, 0.3500$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.5998, 0.2926, 0.3071$, and the grayscale version is $53.2238, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.1643, 0.3275, 0.3456$, and $26.0983, 0.3384, 0.3555$ is the 20% darker color. If you saturate the color by 10%, you get $49.5032, 0.3511, 0.3670$, and if you desaturate by 10%, it is $57.1868, 0.3172, 0.3336$.

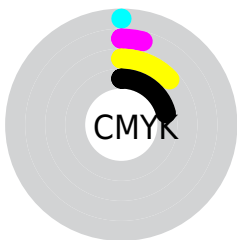
Distribution



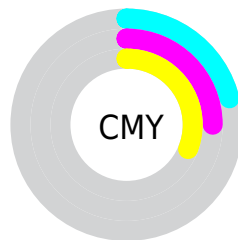
- Red (79%)
- Green (75%)
- Blue (69%)



- Red (74%)
- Yellow (79%)
- Blue (69%)



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





- Cyan (21%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2119, 0.3333, 0.3500 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 53.2119, 0.3333, 0.3500 by changing the saturation by 10% instead.


 53.2119, 0.3333,
0.3500

 53.2119, 0.3333,
0.3500

399.0976, 0.3232,
0.3397

 37.9720, 0.3357,
0.3525


 94.9161, 0.3297,
0.3463

 25.9609, 0.3389,
0.3557

122.1492, 0.3283,
0.3449

 16.7944, 0.3429,
0.3598


154.1487, 0.3272,
0.3437

 10.0880, 0.3485,
0.3654

191.2991, 0.3262,
0.3427

 5.4574, 0.3565,
0.3736

233.9848, 0.3253,
0.3418

 2.5180, 0.3691,
0.3863

282.5902, 0.3245,

 0.8856, 0.4198,

0.3410

0.4384

337.4997, 0.3238,
0.3404

0.0000, 0.0000,
0.0000

53.2119, 0.3333,
0.3500

53.2119, 0.3333,
0.3500

49.5032, 0.3511,
0.3670

57.1868, 0.3172,
0.3336

46.0467, 0.3704,
0.3843

61.4277, 0.3026,
0.3182

42.8369, 0.3910,
0.4011

65.9434, 0.2897,
0.3038

39.8660, 0.4124,
0.4168

70.7154, 0.2784,
0.2909

37.1251, 0.4337,
0.4301

74.4334, 0.2789,
0.2986

■ 34.6046, 0.4541,
0.4399

■ 78.3047, 0.2795,
0.3062

■ 32.2939, 0.4724,
0.4453

■ 82.3311, 0.2800,
0.3137

■ 30.1804, 0.4878,
0.4457

■ 86.5141, 0.2805,
0.3211

■ 28.7929, 0.4971,
0.4435

■ 90.8556, 0.2810,
0.3284

Harmonies

Analogous

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



53.2119, 0.3382, 0.3428



53.2119, 0.3333, 0.3500



53.2119, 0.3229, 0.3516

Triad

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



53.2119, 0.3333, 0.3500



53.2119, 0.2899, 0.3250



53.2119, 0.3152, 0.3121

Complementary

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



53.2119, 0.3333, 0.3500



47.5998, 0.2926, 0.3071

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.



53.2119, 0.3023, 0.3074



53.2119, 0.3333, 0.3500



53.2119, 0.2879, 0.3145

Square

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



53.2119, 0.3333, 0.3500



53.2119, 0.2978, 0.3370



53.2119, 0.2924, 0.3082



53.2119, 0.3276, 0.3211

Rectangle

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



53.2119, 0.3333, 0.3500



53.2119, 0.3143, 0.3491



53.2119, 0.2924, 0.3082



53.2119, 0.3107, 0.3100

Sweetspot

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



53.2142, 0.3333, 0.3500



97.1318, 0.3189, 0.3354



46.5357, 0.3283, 0.3177



20.6765, 0.3201, 0.3367



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.



53.2142, 0.3333, 0.3500



88.9762, 0.3390, 0.3555



56.7499, 0.3287, 0.3610



11.7760, 0.3273, 0.3441



18.2808, 0.4957, 0.4446



0.9970, 0.4759, 0.4603

Inverse Universe

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



47.5998, 0.2926, 0.3071



77.1987, 0.2872, 0.3010



44.4413, 0.2955, 0.2956



10.8769, 0.2983, 0.3135



5.5191, 0.1647, 0.1127



0.3968, 0.1767, 0.1559

Previews

White Background



This preview shows how the Yxy color 53.2119, 0.3333, 0.3500 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 53.2119, 0.3333, 0.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

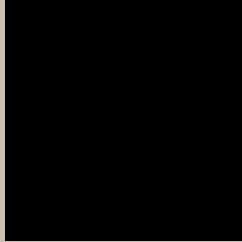
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

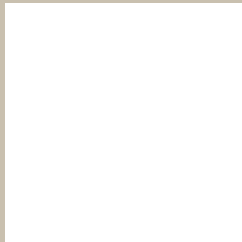
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2119, 0.3333, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 53.2119, 0.3333, 0.3500.



This preview shows how white text looks on a background with the Yxy color 53.2119, 0.3333, 0.3500.

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

53.2119, 0.3333, 0.3500

Protanopia

53.0738, 0.3324, 0.3500

Deuteranopia

53.1578, 0.3483, 0.3409



Tritanopia

53.2574, 0.3152, 0.3112

Trichromacy



Original Color

53.2119, 0.3333, 0.3500

Protanomaly

53.0738, 0.3324, 0.3500

Deuteranomaly

53.0981, 0.3426, 0.3435

Tritanomaly

53.0828, 0.3220, 0.3242

Monochromacy



Original Color

53.2119, 0.3333, 0.3500

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 53.2119, 0.3333, 0.3500 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, 192, 175)` looks like.

```
.text, #text, p{  
    color:rgb(201, 192, 175)  
}
```

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, 192, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 192, 175) }
```

Border

The CSS property to change the border of an element to Yxy 53.2119, 0.3333, 0.3500 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, 192, 175) }
```

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

```
.border{ border-color:rgb(201, 192, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 192, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 192, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 192, 175);  
box-shadow:4px 4px 4px 4px rgb(201, 192,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2119, 0.3333, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 192, 175) }
```

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

```
.background{ background-color: rgb(201,  
192, 175) }
```

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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