

Converting Colors

$Yxy(53.6815, 0.3354, 0.3506)$

Have a look what the booklet for
Yxy(53.6815, 0.3354, 0.3506)
contains.

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Color

Yxy(53.4909, 0.3350, 0.3499)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CBC0AF |
| RGB | 203, 192, 175 |
| RGB Percent | 80%, 75%, 69% |
| CMY | 0.2039, 0.2470, 0.3138 |
| CMYK | 0.00, 0.05, 0.14, 0.20 |
| HSL | 36°, 21%, 74% |
| HSV | 36°, 14%, 80% |
| XYZ | 51.2131, 53.4909, 48.1709 |
| YIQ | 193.3510, 12.0130, -2.9550 |

Conversions

Conversions Part 2

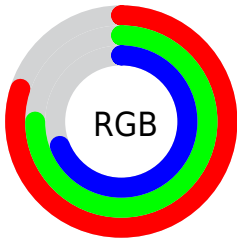
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 193, 203, 175 |
| Decimal | 13353135 |
| CIELab | 78.16, 0.99, 9.96 |
| CIElCh | 78, 10.005, 84.342 |
| Yxy | 53.4909, 0.3350, 0.3499 |
| Android (android.graphics.Color) | 4291543215 (0xFFCBC0AF) |
| YUV | 193.3510, -9.0470, 8.4622 |
| Hunter-Lab | 73.1375, -2.9995, 12.1458 |

Details

The Yxy color $53.4909, 0.3350, 0.3499$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.5256, 0.2912, 0.3072$, and the grayscale version is $53.5947, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.1643, 0.3275, 0.3456$, and $26.2849, 0.3407, 0.3553$ is the 20% darker color. If you saturate the color by 10%, you get $49.3529, 0.3533, 0.3658$, and if you desaturate by 10%, it is $57.9426, 0.3185, 0.3346$.

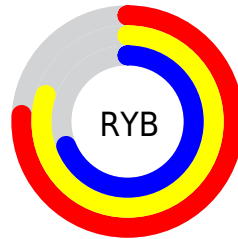
Distribution



Red (80%)

Green (75%)

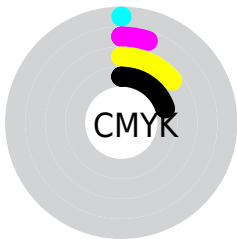
Blue (69%)



Red (76%)

Yellow (80%)

Blue (69%)

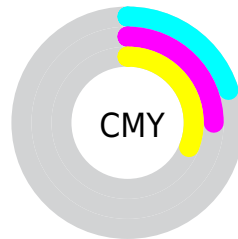


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (20%)



Cyan (20%)


Magenta (25%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4909, 0.3350, 0.3499 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 53.4909, 0.3350, 0.3499 by changing the saturation by 10% instead.


 53.4909, 0.3350,
0.3499

 53.4909, 0.3350,
0.3499

400.1657, 0.3241,
0.3397

 38.1948, 0.3377,
0.3524


 95.3263, 0.3311,
0.3463

 26.1339, 0.3410,
0.3555


122.6345, 0.3296,
0.3449

 16.9238, 0.3454,
0.3596


154.7154, 0.3283,
0.3437

 10.1802, 0.3514,
0.3651

191.9535, 0.3273,
0.3427

 5.5186, 0.3601,
0.3731

234.7332, 0.3263,
0.3418

 2.5546, 0.3738,
0.3854

283.4388, 0.3255,

 0.9039, 0.4258,

0.3410

0.4355

338.4549, 0.3248,
0.3403

0.0000, 0.0000,
0.0000

53.4909, 0.3350,
0.3499

53.4909, 0.3350,
0.3499

49.3529, 0.3533,
0.3658

57.9426, 0.3185,
0.3346

45.5133, 0.3735,
0.3820

62.7088, 0.3038,
0.3202

41.9656, 0.3952,
0.3978

67.7993, 0.2908,
0.3067

38.7004, 0.4180,
0.4122

73.1456, 0.2800,
0.2955

35.7078, 0.4410,
0.4244

77.5211, 0.2805,
0.3042

■ 32.9768, 0.4633,
0.4330

■ 82.0995, 0.2811,
0.3128

■ 30.4951, 0.4836,
0.4370

■ 86.8834, 0.2817,
0.3213

■ 28.2484, 0.5008,
0.4358

■ 91.4358, 0.2822,
0.3289

■ 26.9603, 0.5102,
0.4331

Harmonies

Analogous

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



53.4909, 0.3391, 0.3418



53.4909, 0.3350, 0.3499



53.4909, 0.3249, 0.3524

Triad

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



53.4909, 0.3350, 0.3499



53.4909, 0.2900, 0.3266



53.4909, 0.3134, 0.3106

Complementary

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



53.4909, 0.3350, 0.3499



48.5256, 0.2912, 0.3072

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.



53.4909, 0.3003, 0.3065



53.4909, 0.3350, 0.3499



53.4909, 0.2870, 0.3154

Square

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



53.4909, 0.3350, 0.3499



53.4909, 0.2989, 0.3388



53.4909, 0.2908, 0.3081



53.4909, 0.3265, 0.3194

Rectangle

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



53.4909, 0.3350, 0.3499



53.4909, 0.3162, 0.3505



53.4909, 0.2908, 0.3081



53.4909, 0.3088, 0.3087

Sweetspot

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



53.4933, 0.3350, 0.3499



96.8350, 0.3189, 0.3350



46.9002, 0.3283, 0.3152



20.6014, 0.3201, 0.3361



0.0000, 0.0000, 0.0000



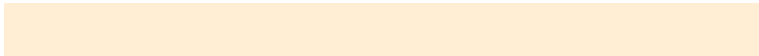
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.4933, 0.3350, 0.3499



87.1458, 0.3411, 0.3553



58.1098, 0.3309, 0.3631



12.3294, 0.3275, 0.3431



17.3401, 0.5086, 0.4344



1.0397, 0.4867, 0.4518

Inverse Universe

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



48.5256, 0.2912, 0.3072



77.0093, 0.2856, 0.3012



44.4018, 0.2931, 0.2930



11.5536, 0.2983, 0.3145



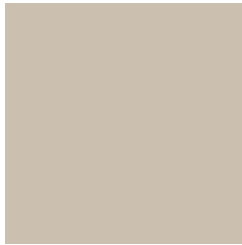
6.5239, 0.1682, 0.1254



0.4832, 0.1792, 0.1650

Previews

White Background



This preview shows how the Yxy color 53.4909, 0.3350, 0.3499 looks on a white background.

Color Contrast Check

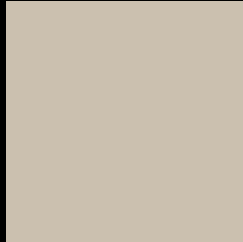
Large Text (above 18pt) WCAG AA × Fail

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 53.4909, 0.3350, 0.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

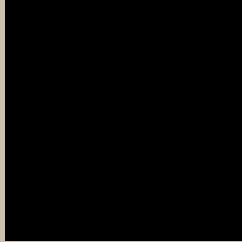
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

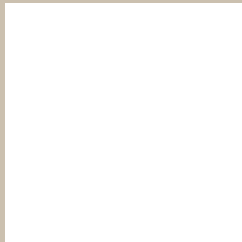
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.4909, 0.3350, 0.3499

Background



This preview shows how black text looks on a background with the Yxy color 53.4909, 0.3350, 0.3499.



This preview shows how white text looks on a background with the Yxy color 53.4909, 0.3350, 0.3499.

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

53.4909, 0.3350, 0.3499

Protanopia

53.6526, 0.3331, 0.3512

Deuteranopia

53.1578, 0.3483, 0.3409



Tritanopia

53.5436, 0.3168, 0.3113

Trichromacy



Original Color

53.4909, 0.3350, 0.3499

Protanomaly

53.7916, 0.3340, 0.3511

Deuteranomaly

53.2472, 0.3435, 0.3434

Tritanomaly

53.3673, 0.3237, 0.3242

Monochromacy



Original Color

53.4909, 0.3350, 0.3499

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.5554, 0.3213, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4909, 0.3350, 0.3499 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(203, 192, 175)` looks like.

```
.text, #text, p{  
    color:rgb(203, 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(203, 192, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 192, 175) }
```

Border

The CSS property to change the border of an element to Yxy 53.4909, 0.3350, 0.3499 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(203, 192, 175) }
```

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

```
.border{ border-color:rgb(203, 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(203, 192, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 192, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 192, 175);  
box-shadow:4px 4px 4px 4px rgb(203, 192,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4909, 0.3350, 0.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 192, 175) }
```

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

```
.background{ background-color: rgb(203,  
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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