

Converting Colors

Yxy(53.5197, 0.3531, 0.3720)

Have a look what the booklet for
Yxy(53.5197, 0.3531, 0.3720)
contains.

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Color

Yxy(53.3990, 0.3528, 0.3719)

Conversions

Conversions Part 1

Format	Color
Hex	CFC09D
RGB	207, 192, 157
RGB Percent	81%, 75%, 62%
CMY	0.1884, 0.2470, 0.3844
CMYK	0.00, 0.07, 0.24, 0.19
HSL	42°, 34%, 71%
HSV	42°, 24%, 81%
XYZ	50.6565, 53.3990, 39.5288
YIQ	192.4950, 20.1750, -7.7050

Conversions

Conversions Part 2

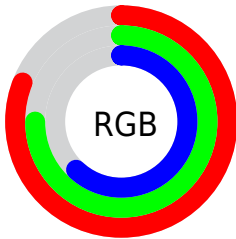
Format	Color
RYB	178, 207, 157
Decimal	13615261
CIELab	78.11, -0.26, 19.58
CIELCh	78, 19.585, 90.761
Yxy	53.3990, 0.3528, 0.3719
Android (android.graphics.Color)	4291805341 (0xFFCFC09D)
YUV	192.4950, -17.4990, 12.7209
Hunter-Lab	73.0746, -4.1414, 19.0801

Details

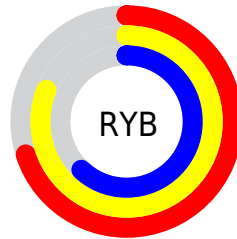
The Yxy color **53.3990, 0.3528, 0.3719** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.1427, 0.2735, 0.2820**, and the grayscale version is **53.1098, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1483, 0.3393, 0.3645**, and **26.1812, 0.3626, 0.3831** is the 20% darker color. If you saturate the color by 10%, you get **50.0941, 0.3717, 0.3903**, and if you desaturate by 10%, it is **56.9425, 0.3352, 0.3537**.

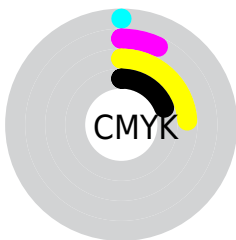
Distribution



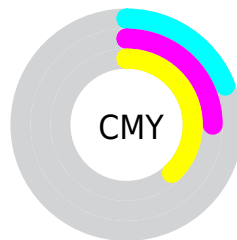
- Red (81%)
- Green (75%)
- Blue (62%)



- Red (70%)
- Yellow (81%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (24%)
- Black (19%)




- Cyan (19%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3990, 0.3528, 0.3719 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 53.3990, 0.3528, 0.3719 by changing the saturation by 10% instead.


 53.3990, 0.3528,
0.3719

 53.3990, 0.3528,
0.3719


399.8140, 0.3333,
0.3510

 38.1214, 0.3575,
0.3769


 95.1912, 0.3458,
0.3644

 26.0769, 0.3634,
0.3833


 122.4746, 0.3432,
0.3616

 16.8812, 0.3710,
0.3915


154.5288, 0.3409,
0.3592

 10.1498, 0.3813,
0.4025

191.7380, 0.3390,
0.3571

 5.4984, 0.3957,
0.4180

234.4868, 0.3373,
0.3553

 2.5426, 0.4173,
0.4414

283.1594, 0.3358,

 0.8979, 0.4854,

0.3537

0.5146

338.1404, 0.3345,
0.3523

0.0000, 0.0000,
0.0000

53.3990, 0.3528,
0.3719

53.3990, 0.3528,
0.3719

50.0941, 0.3717,
0.3903

56.9425, 0.3352,
0.3537

47.0133, 0.3915,
0.4081

60.7244, 0.3190,
0.3360

44.1509, 0.4115,
0.4244


64.7538, 0.3043,
0.3193

41.4984, 0.4312,
0.4382

69.0368, 0.2911,
0.3037

39.0461, 0.4494,
0.4484


73.2225, 0.2824,
0.2948

 36.7831, 0.4653,
0.4540

 76.5864, 0.2828,
0.3015

 34.6966, 0.4782,
0.4547

 80.0722, 0.2831,
0.3082

 33.5441, 0.4847,
0.4534

 83.6812, 0.2835,
0.3148

 87.4146, 0.2839,
0.3213

Harmonies

Analogous

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



53.3990, 0.3642, 0.3573



53.3990, 0.3528, 0.3719



53.3990, 0.3308, 0.3751

Triad

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



53.3990, 0.3528, 0.3719



53.3990, 0.2665, 0.3185



53.3990, 0.3193, 0.2968

Complementary

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



53.3990, 0.3528, 0.3719



41.1427, 0.2735, 0.2820

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.



53.3990, 0.2933, 0.2868



53.3990, 0.3528, 0.3719



53.3990, 0.2637, 0.2980

Square

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



53.3990, 0.3528, 0.3719



53.3990, 0.2812, 0.3432



53.3990, 0.2733, 0.2870



53.3990, 0.3445, 0.3146

Rectangle

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



53.3990, 0.3528, 0.3719



53.3990, 0.3133, 0.3696



53.3990, 0.2733, 0.2870



53.3990, 0.3104, 0.2925

Sweetspot

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



53.4014, 0.3528, 0.3719



95.5472, 0.3236, 0.3411



40.3456, 0.3479, 0.3104



20.3708, 0.3246, 0.3422



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.



53.4014, 0.3528, 0.3719



82.8214, 0.3625, 0.3815



58.9011, 0.3407, 0.3904



13.1762, 0.3273, 0.3452



21.3173, 0.4836, 0.4543



1.3270, 0.4690, 0.4658

Inverse Universe

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



41.1427, 0.2735, 0.2820



59.8309, 0.2643, 0.2702



36.8254, 0.2801, 0.2628



11.9853, 0.2982, 0.3122



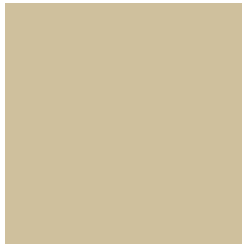
5.1443, 0.1613, 0.1006



0.4263, 0.1717, 0.1379

Previews

White Background



This preview shows how the Yxy color 53.3990, 0.3528, 0.3719 looks on a white background.

Color Contrast Check

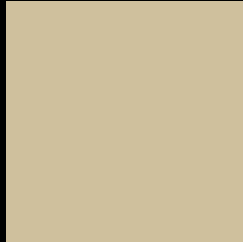
Large Text (above 18pt) WCAG AA × Fail

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 53.3990, 0.3528, 0.3719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

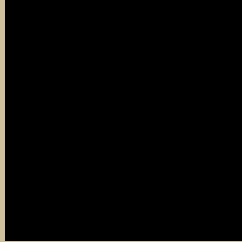
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3990, 0.3528, 0.3719

Background



This preview shows how black text looks on a background with the Yxy color 53.3990, 0.3528, 0.3719.



This preview shows how white text looks on a background with the Yxy color 53.3990, 0.3528, 0.3719.

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

53.3990, 0.3528, 0.3719

Protanopia

53.5534, 0.3508, 0.3733

Deuteranopia

53.4337, 0.3688, 0.3618



Tritanopia

53.3319, 0.3227, 0.3115

Trichromacy



Original Color

53.3990, 0.3528, 0.3719

Protanomaly

53.6961, 0.3517, 0.3731

Deuteranomaly

53.3405, 0.3628, 0.3647

Tritanomaly

53.1709, 0.3336, 0.3326

Monochromacy



Original Color

53.3990, 0.3528, 0.3719

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8243, 0.3268, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3990, 0.3528, 0.3719 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(207, 192, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 192, 157) }
```

Border

The CSS property to change the border of an element to Yxy 53.3990, 0.3528, 0.3719 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, 157) }
```

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

```
.border{ border-color:rgb(207, 192, 157) }
```

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, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 192, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 192, 157);  
box-shadow:4px 4px 4px 4px rgb(207, 192,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3990, 0.3528, 0.3719 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, 157) }
```

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

```
.background{ background-color: rgb(207,  
192, 157) }
```

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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