

Converting Colors

Yxy(53.8112, 0.3486, 0.3692)

Have a look what the booklet for
Yxy(53.8112, 0.3486, 0.3692)
contains.

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Color

Yxy(53.7998, 0.3493, 0.3694)

Conversions

Conversions Part 1

Format	Color
Hex	CEC1A0
RGB	206, 193, 160
RGB Percent	81%, 76%, 63%
CMY	0.1921, 0.2431, 0.3725
CMYK	0.00, 0.06, 0.22, 0.19
HSL	43°, 32%, 72%
HSV	43°, 22%, 81%
XYZ	50.8724, 53.7998, 40.9688
YIQ	193.1250, 18.3410, -7.5070

Conversions

Conversions Part 2

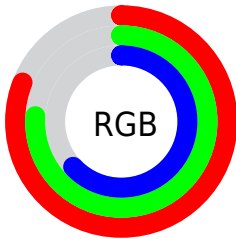
Format	Color
R_{YB}	178, 206, 160
Decimal	13549984
CIE _{Lab}	78.34, -0.70, 18.28
CIE _{LCh}	78, 18.290, 92.186
Yxy	53.7998, 0.3493, 0.3694
Android (android.graphics.Color)	4291740064 (0xFFCEC1A0)
YUV	193.1250, -16.3306, 11.2914
Hunter-Lab	73.3483, -4.5569, 18.2273

Details

The Yxy color **53.7998, 0.3493, 0.3694** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.8316, 0.2766, 0.2850**, and the grayscale version is **53.4983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9177, 0.3372, 0.3625**, and **26.4182, 0.3588, 0.3815** is the 20% darker color. If you saturate the color by 10%, you get **50.6133, 0.3678, 0.3882**, and if you desaturate by 10%, it is **57.2122, 0.3320, 0.3509**.

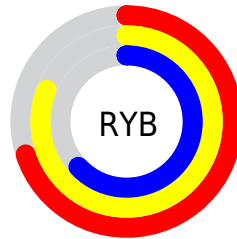
Distribution



Red (81%)

Green (76%)

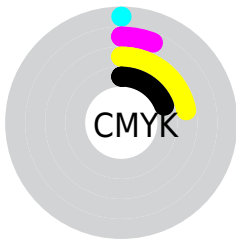
Blue (63%)



Red (70%)

Yellow (81%)

Blue (63%)

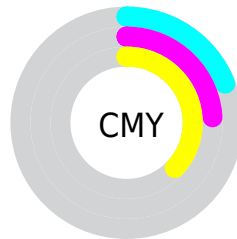


Cyan (0%)

Magenta (6%)

Yellow (22%)

Black (19%)



Cyan (19%)


Magenta (24%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7998, 0.3493, 0.3694 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 53.7998, 0.3493, 0.3694 by changing the saturation by 10% instead.


 53.7998, 0.3493,
0.3694


 53.7998, 0.3493,
0.3694

401.3461, 0.3315,
0.3497

 38.4416, 0.3536,
0.3741

 95.7802, 0.3430,
0.3624

 26.3256, 0.3590,
0.3801


 123.1713, 0.3405,
0.3597

 17.0674, 0.3659,
0.3879


155.3421, 0.3385,
0.3574

 10.2826, 0.3753,
0.3984

192.6770, 0.3367,
0.3554

 5.5867, 0.3885,
0.4132

235.5605, 0.3352,
0.3537

 2.5954, 0.4080,
0.4354

284.3769, 0.3338,

 0.9244, 0.4823,

0.3522

0.5177

339.5107, 0.3326,
0.3509

0.0000, 0.0000,
0.0000

53.7998, 0.3493,
0.3694

53.7998, 0.3493,
0.3694

50.6133, 0.3678,
0.3882

57.2122, 0.3320,
0.3509

47.6384, 0.3871,
0.4064

60.8498, 0.3162,
0.3330

44.8700, 0.4067,
0.4234

64.7213, 0.3018,
0.3161

42.2999, 0.4260,
0.4380

68.8327, 0.2888,
0.3004

39.9190, 0.4439,
0.4492

72.6619, 0.2817,
0.2938

■ 37.7170, 0.4596,
0.4560

■ 75.8145, 0.2821,
0.3002

■ 35.6819, 0.4724,
0.4579

■ 79.0752, 0.2825,
0.3065

■ 34.2179, 0.4805,
0.4567

■ 82.4451, 0.2829,
0.3128

■ 85.9251, 0.2832,
0.3190

Harmonies

Analogous

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



53.7998, 0.3604, 0.3563



53.7998, 0.3493, 0.3694



53.7998, 0.3285, 0.3717

Triad

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



53.7998, 0.3493, 0.3694



53.7998, 0.2692, 0.3182



53.7998, 0.3201, 0.2996

Complementary

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



53.7998, 0.3493, 0.3694



41.8316, 0.2766, 0.2850

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.



53.7998, 0.2957, 0.2898



53.7998, 0.3493, 0.3694



53.7998, 0.2671, 0.2995

Square

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



53.7998, 0.3493, 0.3694



53.7998, 0.2825, 0.3412



53.7998, 0.2766, 0.2895



53.7998, 0.3433, 0.3165

Rectangle

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



53.7998, 0.3493, 0.3694



53.7998, 0.3122, 0.3661



53.7998, 0.2766, 0.2895



53.7998, 0.3118, 0.2954

Sweetspot

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



53.8022, 0.3493, 0.3694



95.7232, 0.3236, 0.3414



41.2909, 0.3453, 0.3128



20.4117, 0.3245, 0.3425



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.



53.8022, 0.3493, 0.3694



84.5269, 0.3584, 0.3788



58.4294, 0.3380, 0.3857



12.5393, 0.3272, 0.3455



21.2393, 0.4794, 0.4576



1.2205, 0.4651, 0.4689

Inverse Universe

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



41.8316, 0.2766, 0.2850



61.6422, 0.2677, 0.2736



38.1493, 0.2836, 0.2685



11.3523, 0.2983, 0.3119



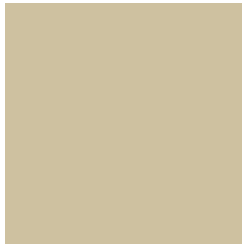
4.7686, 0.1603, 0.0971



0.3768, 0.1714, 0.1370

Previews

White Background



This preview shows how the Yxy color 53.7998, 0.3493, 0.3694 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 53.7998, 0.3493, 0.3694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

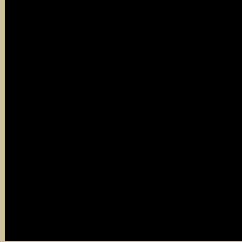
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

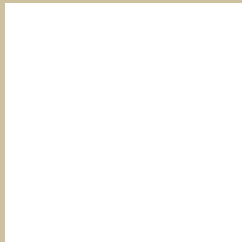
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7998, 0.3493, 0.3694

Background



This preview shows how black text looks on a background with the Yxy color 53.7998, 0.3493, 0.3694.



This preview shows how white text looks on a background with the Yxy color 53.7998, 0.3493, 0.3694.

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

53.7998, 0.3493, 0.3694

Protanopia

53.6571, 0.3484, 0.3695

Deuteranopia

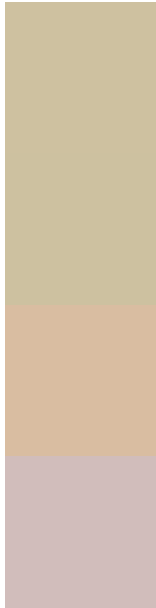
53.5383, 0.3663, 0.3583



Tritanopia

53.6538, 0.3210, 0.3115

Trichromacy



Original Color

53.7998, 0.3493, 0.3694

Protanomaly

53.6571, 0.3484, 0.3695

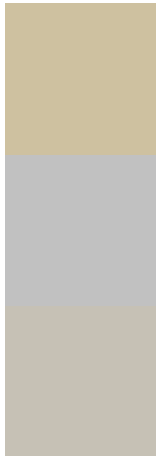
Deuteranomaly

53.7201, 0.3592, 0.3624

Tritanomaly

53.5384, 0.3310, 0.3314

Monochromacy



Original Color

53.7998, 0.3493, 0.3694

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4819, 0.3259, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7998, 0.3493, 0.3694 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(206, 193, 160)` looks like.

```
.text, #text, p{  
    color:rgb(206, 193, 160)  
}
```

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(206, 193, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 193, 160) }
```

Border

The CSS property to change the border of an element to Yxy 53.7998, 0.3493, 0.3694 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(206, 193, 160) }
```

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

```
.border{ border-color:rgb(206, 193, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 193, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 193, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 193, 160);  
box-shadow:4px 4px 4px 4px rgb(206, 193,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7998, 0.3493, 0.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 193, 160) }
```

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

```
.background{ background-color: rgb(206,  
193, 160) }
```

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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