

Converting Colors

$Y_{xy}(55.1849, 0.3536, 0.3977)$

Have a look what the booklet for
Yxy(55.1849, 0.3536, 0.3977)
contains.

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Color

Yxy(55.0026, 0.3540, 0.3973)

Conversions

Conversions Part 1

Format	Color
Hex	C7C790
RGB	199, 199, 144
RGB Percent	78%, 78%, 56%
CMY	0.2197, 0.2196, 0.4352
CMYK	0.00, 0.00, 0.28, 0.22
HSL	60°, 33%, 67%
HSV	60°, 28%, 78%
XYZ	49.0081, 55.0026, 34.4303
YIQ	192.7300, 17.6550, -17.1050

Conversions

Conversions Part 2

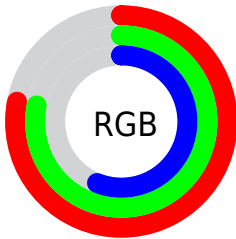
Format	Color
RYB	144, 199, 144
Decimal	13092752
CIELab	79.04, -8.73, 27.61
CIELCh	79, 28.957, 107.540
Yxy	55.0026, 0.3540, 0.3973
Android (android.graphics.Color)	4291282832 (0xFFC7C790)
YUV	192.7300, -24.0239, 5.4988
Hunter-Lab	74.1637, -11.8320, 24.3894

Details

The Yxy color **55.0026, 0.3540, 0.3973** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.0143, 0.2651, 0.2502**, and the grayscale version is **53.2984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8572, 0.3466, 0.3850**, and **26.9704, 0.3637, 0.4156** is the 20% darker color. If you saturate the color by 10%, you get **54.4475, 0.3686, 0.4215**, and if you desaturate by 10%, it is **55.6699, 0.3389, 0.3724**.

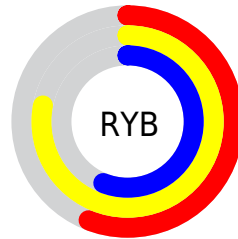
Distribution



Red (78%)

Green (78%)

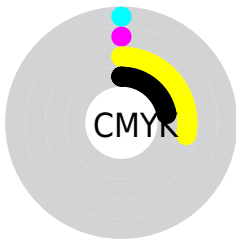
Blue (56%)



Red (56%)

Yellow (78%)

Blue (56%)

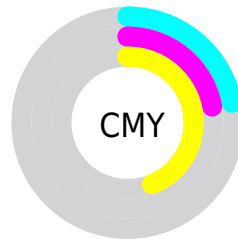


Cyan (0%)

Magenta (0%)

Yellow (28%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0026, 0.3540, 0.3973 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 55.0026, 0.3540, 0.3973 by changing the saturation by 10% instead.

 55.0026, 0.3540,
0.3973


 55.0026, 0.3540,
0.3973


405.9218, 0.3345,
0.3637

 39.4038, 0.3585,
0.4054


 97.5448, 0.3472,
0.3853

 27.0740, 0.3640,
0.4157

 125.2569, 0.3445,
0.3807

 17.6288, 0.3709,
0.4290


157.7757, 0.3423,
0.3768

 10.6838, 0.3796,
0.4469

195.4854, 0.3403,
0.3734

 5.8547, 0.3907,
0.4718

238.7704, 0.3386,
0.3705

 2.7569, 0.4125,
0.5188

288.0153, 0.3370,

 1.0062, 0.4233,

0.3680

0.5767

343.6042, 0.3357,
0.3657

0.0000, 0.0000,
0.0000

55.0026, 0.3540,
0.3973

55.0026, 0.3540,
0.3973

54.4475, 0.3686,
0.4215

55.6699, 0.3389,
0.3724

53.9916, 0.3822,
0.4440

56.4473, 0.3239,
0.3475

53.6311, 0.3942,
0.4639

57.3420, 0.3093,
0.3234

53.3594, 0.4041,
0.4803

58.3587, 0.2954,
0.3004

53.1687, 0.4115,
0.4925

59.5017, 0.2825,
0.2790

■ 53.0499, 0.4163,
0.5005

■ 60.2198, 0.2755,
0.2674

■ 52.9901, 0.4188,
0.5046

■ 60.2213, 0.2755,
0.2674

■ 52.9794, 0.4192,
0.5053

■ 60.2229, 0.2755,
0.2674

■ 60.2244, 0.2755,
0.2674

Harmonies

Analogous

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



55.0026, 0.3809, 0.3829



55.0026, 0.3540, 0.3973



55.0026, 0.3170, 0.3917

Triad

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



55.0026, 0.3540, 0.3973



55.0026, 0.2419, 0.2947



55.0026, 0.3436, 0.2959

Complementary

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



55.0026, 0.3540, 0.3973



30.0143, 0.2651, 0.2502

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.



55.0026, 0.3046, 0.2752



55.0026, 0.3540, 0.3973



55.0026, 0.2478, 0.2730

Square

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



55.0026, 0.3540, 0.3973



55.0026, 0.2533, 0.3286



55.0026, 0.2700, 0.2667



55.0026, 0.3753, 0.3247

Rectangle

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



55.0026, 0.3540, 0.3973



55.0026, 0.2919, 0.3761



55.0026, 0.2700, 0.2667



55.0026, 0.3308, 0.2879

Sweetspot

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



55.0051, 0.3540, 0.3973



98.7529, 0.3246, 0.3487



34.1135, 0.3722, 0.3292



21.0902, 0.3269, 0.3525



0.0000, 0.0000, 0.0000



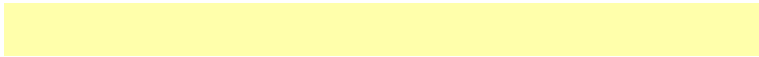
21.4041, 0.3127, 0.3290

Same Dimension

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



55.0051, 0.3540, 0.3973



95.7055, 0.3627, 0.4116



51.5823, 0.3308, 0.4028



12.4167, 0.3265, 0.3518



34.0634, 0.4192, 0.5053



1.6130, 0.4192, 0.5053

Inverse Universe

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



30.0143, 0.2651, 0.2502



44.9356, 0.2531, 0.2305



32.7959, 0.2897, 0.2554



10.2878, 0.2983, 0.3051



2.6521, 0.1500, 0.0600



0.1257, 0.1501, 0.0601

Previews

White Background



This preview shows how the Yxy color 55.0026, 0.3540, 0.3973 looks on a white background.

Color Contrast Check

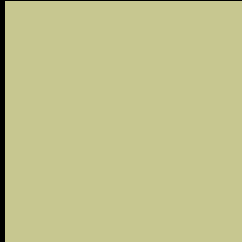
Large Text (above 18pt) WCAG AA × Fail

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 55.0026, 0.3540, 0.3973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

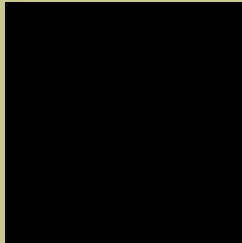
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

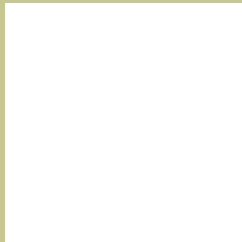
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0026, 0.3540, 0.3973

Background



This preview shows how black text looks on a background with the Yxy color 55.0026, 0.3540, 0.3973.



This preview shows how white text looks on a background with the Yxy color 55.0026, 0.3540, 0.3973.

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

55.0026, 0.3540, 0.3973

Protanopia

54.6848, 0.3664, 0.3931

Deuteranopia

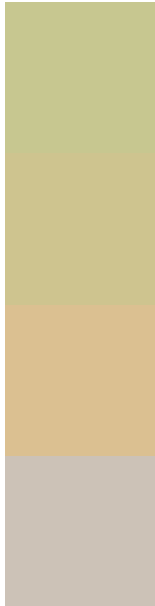
55.0307, 0.3844, 0.3769



Tritanopia

54.9832, 0.3143, 0.3114

Trichromacy



Original Color

55.0026, 0.3540, 0.3973

Protanomaly

54.5848, 0.3618, 0.3938

Deuteranomaly

54.8037, 0.3730, 0.3845

Tritanomaly

54.8398, 0.3292, 0.3424

Monochromacy



Original Color

55.0026, 0.3540, 0.3973

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.7275, 0.3278, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0026, 0.3540, 0.3973 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(199, 199, 144)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 144)  
}
```

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(199, 199, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 144) }
```

Border

The CSS property to change the border of an element to Yxy 55.0026, 0.3540, 0.3973 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(199, 199, 144) }
```

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

```
.border{ border-color:rgb(199, 199, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 144);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0026, 0.3540, 0.3973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 144) }
```

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

```
.background{ background-color: rgb(199,  
199, 144) }
```

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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