

Converting Colors

Yxy(54.5349, 0.3503, 0.3999)

Have a look what the booklet for
Yxy(54.5349, 0.3503, 0.3999)
contains.

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Color

Yxy(54.2994, 0.3505, 0.3996)

Conversions

Conversions Part 1

Format	Color
Hex	C2C78F
RGB	194, 199, 143
RGB Percent	76%, 78%, 56%
CMY	0.2393, 0.2196, 0.4392
CMYK	0.03, 0.00, 0.28, 0.22
HSL	65°, 33%, 67%
HSV	65°, 28%, 78%
XYZ	47.6275, 54.2994, 33.9575
YIQ	191.1210, 14.9960, -18.4760

Conversions

Conversions Part 2

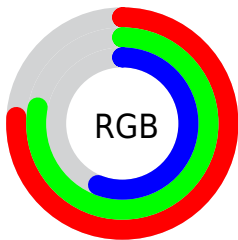
Format	Color
R_{YB}	143, 199, 148
Decimal	12765071
CIE _{Lab}	78.64, -10.77, 27.54
CIE _{LCh}	79, 29.569, 111.370
Yxy	54.2994, 0.3505, 0.3996
Android (android.graphics.Color)	4290955151 (0xFFC2C78F)
YUV	191.1210, -23.7237, 2.5249
Hunter-Lab	73.6881, -13.5828, 24.2592

Details

The Yxy color **54.2994, 0.3505, 0.3996** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.0675, 0.2683, 0.2494**, and the grayscale version is **52.3084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0604, 0.3445, 0.3865**, and **26.5990, 0.3601, 0.4187** is the 20% darker color. If you saturate the color by 10%, you get **53.5166, 0.3635, 0.4247**, and if you desaturate by 10%, it is **55.1968, 0.3370, 0.3740**.

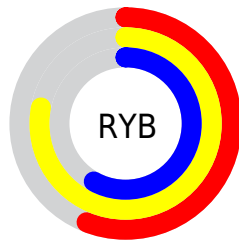
Distribution



Red (76%)

Green (78%)

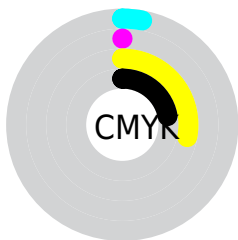
Blue (56%)



Red (56%)

Yellow (78%)

Blue (58%)

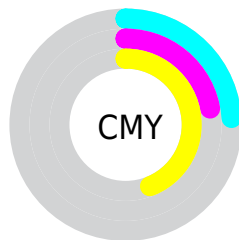


Cyan (3%)

Magenta (0%)

Yellow (28%)

Black (22%)



Cyan (24%)

Magenta (22%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2994, 0.3505, 0.3996 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 54.2994, 0.3505, 0.3996 by changing the saturation by 10% instead.


 54.2994, 0.3505,
0.3996


 54.2994, 0.3505,
0.3996


403.2507, 0.3327,
0.3646

 38.8411, 0.3546,
0.4081


 96.5137, 0.3443,
0.3870

 26.6361, 0.3595,
0.4190


 124.0385, 0.3419,
0.3823

 17.3001, 0.3657,
0.4331


156.3542, 0.3398,
0.3782

 10.4487, 0.3734,
0.4521

193.8452, 0.3380,
0.3747

 5.6975, 0.3829,
0.4789

236.8960, 0.3364,
0.3717

 2.6620, 0.4038,
0.5320

285.8909, 0.3351,

 0.9579, 0.4026,

0.3691

0.5974

341.2144, 0.3338,
0.3667

0.0000, 0.0000,
0.0000

54.2994, 0.3505,
0.3996

54.2994, 0.3505,
0.3996

53.5166, 0.3635,
0.4247

55.1968, 0.3370,
0.3740

52.8356, 0.3754,
0.4485

56.2069, 0.3235,
0.3488

52.2526, 0.3857,
0.4698


57.3370, 0.3103,
0.3246

51.7606, 0.3939,
0.4878

58.5917, 0.2977,
0.3017

51.3520, 0.3996,
0.5018


59.9753, 0.2858,
0.2804

 51.0177, 0.4027,
0.5113

 61.0057, 0.2793,
0.2680

 50.7438, 0.4036,
0.5169

 61.2603, 0.2805,
0.2682

 50.6955, 0.4036,
0.5177

 61.5177, 0.2817,
0.2685

 61.7781, 0.2830,
0.2687

Harmonies

Analogous

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



54.2994, 0.3800, 0.3870



54.2994, 0.3505, 0.3996



54.2994, 0.3120, 0.3910

Triad

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



54.2994, 0.3505, 0.3996



54.2994, 0.2400, 0.2901



54.2994, 0.3492, 0.2985

Complementary

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



54.2994, 0.3505, 0.3996



30.0675, 0.2683, 0.2494

Split Complementary

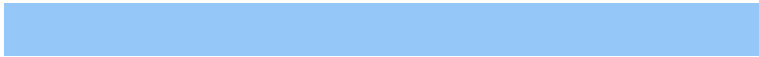
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.2994, 0.3095, 0.2760



54.2994, 0.3505, 0.3996



54.2994, 0.2483, 0.2699

Square

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



54.2994, 0.3505, 0.3996



54.2994, 0.2494, 0.3236



54.2994, 0.2729, 0.2655



54.2994, 0.3799, 0.3286

Rectangle

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



54.2994, 0.3505, 0.3996



54.2994, 0.2867, 0.3734



54.2994, 0.2729, 0.2655



54.2994, 0.3363, 0.2899

Sweetspot

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



54.3018, 0.3505, 0.3996



98.4100, 0.3235, 0.3488



35.2029, 0.3720, 0.3353



21.0031, 0.3255, 0.3526



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.



54.3018, 0.3505, 0.3996



94.1744, 0.3588, 0.4157



50.9775, 0.3273, 0.4052



12.3668, 0.3252, 0.3519



32.6151, 0.4038, 0.5175



1.5588, 0.4073, 0.5148

Inverse Universe

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



30.0675, 0.2683, 0.2494



44.5744, 0.2563, 0.2284



32.9616, 0.2936, 0.2549



10.3322, 0.2996, 0.3052



2.7500, 0.1533, 0.0618



0.1462, 0.1642, 0.0678

Previews

White Background



This preview shows how the Yxy color 54.2994, 0.3505, 0.3996 looks on a white background.

Color Contrast Check

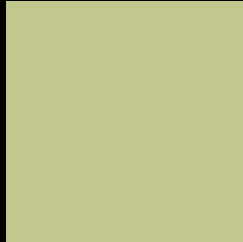
Large Text (above 18pt) WCAG AA × Fail

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 54.2994, 0.3505, 0.3996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

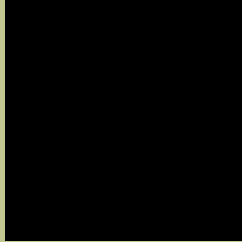
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

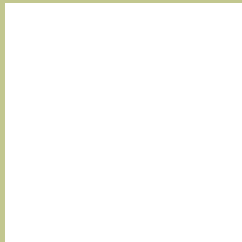
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2994, 0.3505, 0.3996

Background



This preview shows how black text looks on a background with the Yxy color 54.2994, 0.3505, 0.3996.



This preview shows how white text looks on a background with the Yxy color 54.2994, 0.3505, 0.3996.

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

54.2994, 0.3505, 0.3996

Protanopia

54.0620, 0.3667, 0.3934

Deuteranopia

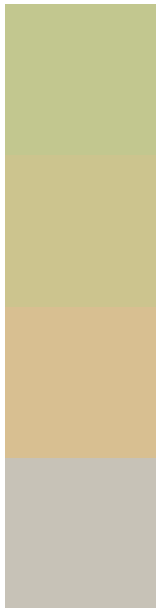
53.8511, 0.3834, 0.3750



Tritanopia

54.2744, 0.3103, 0.3112

Trichromacy



Original Color

54.2994, 0.3505, 0.3996

Protanomaly

54.2702, 0.3608, 0.3954

Deuteranomaly

53.9049, 0.3708, 0.3839

Tritanomaly

54.1446, 0.3251, 0.3425

Monochromacy



Original Color

54.2994, 0.3505, 0.3996

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.8460, 0.3262, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2994, 0.3505, 0.3996 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(194, 199, 143)` looks like.

```
.text, #text, p{  
    color:rgb(194, 199, 143)  
}
```

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(194, 199, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 199, 143) }
```

Border

The CSS property to change the border of an element to Yxy 54.2994, 0.3505, 0.3996 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(194, 199, 143) }
```

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

```
.border{ border-color:rgb(194, 199, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 199, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 199, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 199, 143);  
box-shadow:4px 4px 4px 4px rgb(194, 199,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2994, 0.3505, 0.3996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 199, 143) }
```

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

```
.background{ background-color: rgb(194,  
199, 143) }
```

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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