

Converting Colors

Yxy(54.2581, 0.3535, 0.3979)

Have a look what the booklet for
Yxy(54.2581, 0.3535, 0.3979)
contains.

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Color

Yxy(54.2417, 0.3534, 0.3979)

Conversions

Conversions Part 1

Format	Color
Hex	C5C68F
RGB	197, 198, 143
RGB Percent	77%, 78%, 56%
CMY	0.2275, 0.2235, 0.4394
CMYK	0.01, 0.00, 0.28, 0.22
HSL	61°, 33%, 67%
HSV	61°, 28%, 78%
XYZ	48.1755, 54.2417, 33.9028
YIQ	191.4310, 17.0590, -17.3170

Conversions

Conversions Part 2

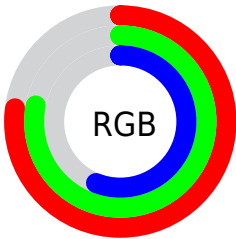
Format	Color
R_{YB}	143, 198, 144
Decimal	12961423
CIE _{Lab}	78.60, -9.11, 27.55
CIE _{LCh}	79, 29.019, 108.302
Yxy	54.2417, 0.3534, 0.3979
Android (android.graphics.Color)	4291151503 (0xFFC5C68F)
YUV	191.4310, -23.8765, 4.8840
Hunter-Lab	73.6490, -12.1248, 24.2614

Details

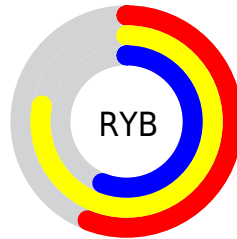
The Yxy color **54.2417, 0.3534, 0.3979** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.6392, 0.2656, 0.2498**, and the grayscale version is **52.4972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6220, 0.3465, 0.3861**, and **26.5589, 0.3640, 0.4162** is the 20% darker color. If you saturate the color by 10%, you get **53.6472, 0.3677, 0.4223**, and if you desaturate by 10%, it is **54.9471, 0.3386, 0.3729**.

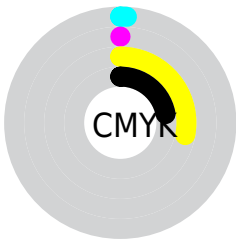
Distribution



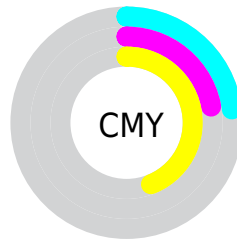
- Red (77%)
- Green (78%)
- Blue (56%)



- Red (56%)
- Yellow (78%)
- Blue (56%)



- Cyan (1%)
- Magenta (0%)
- Yellow (28%)
- Black (22%)





- Cyan (23%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2417, 0.3534, 0.3979 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 54.2417, 0.3534, 0.3979 by changing the saturation by 10% instead.

 54.2417, 0.3534,
0.3979


 54.2417, 0.3534,
0.3979


403.0310, 0.3341,
0.3639

 38.7949, 0.3578,
0.4062


 96.4290, 0.3467,
0.3857

 26.6002, 0.3633,
0.4166


 123.9384, 0.3441,
0.3811

 17.2732, 0.3701,
0.4302


156.2374, 0.3418,
0.3771

 10.4295, 0.3787,
0.4485

193.7105, 0.3399,
0.3737

 5.6846, 0.3895,
0.4741

236.7419, 0.3382,
0.3708

 2.6543, 0.4128,
0.5247

285.7163, 0.3367,

 0.9540, 0.4171,

0.3682

0.5829

341.0178, 0.3353,
0.3659

0.0000, 0.0000,
0.0000

54.2417, 0.3534,
0.3979

54.2417, 0.3534,
0.3979

53.6472, 0.3677,
0.4223

54.9471, 0.3386,
0.3729

53.1508, 0.3809,
0.4450

55.7612, 0.3239,
0.3479

52.7487, 0.3926,
0.4651

56.6913, 0.3096,
0.3238

52.4343, 0.4021,
0.4818

57.7420, 0.2960,
0.3008

52.1999, 0.4092,
0.4944

58.9176, 0.2833,
0.2794

■ 52.0366, 0.4137,
0.5027

■ 59.7783, 0.2755,
0.2663

■ 51.9313, 0.4158,
0.5070

■ 59.8281, 0.2757,
0.2663

■ 51.9111, 0.4161,
0.5078

■ 59.8780, 0.2760,
0.2663

■ 59.9280, 0.2762,
0.2664

Harmonies

Analogous

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



54.2417, 0.3808, 0.3838



54.2417, 0.3534, 0.3979



54.2417, 0.3160, 0.3917

Triad

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



54.2417, 0.3534, 0.3979



54.2417, 0.2414, 0.2937



54.2417, 0.3448, 0.2964

Complementary

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



54.2417, 0.3534, 0.3979



29.6392, 0.2656, 0.2498

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.



54.2417, 0.3056, 0.2752



54.2417, 0.3534, 0.3979



54.2417, 0.2478, 0.2723

Square

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



54.2417, 0.3534, 0.3979



54.2417, 0.2524, 0.3276



54.2417, 0.2705, 0.2663



54.2417, 0.3763, 0.3254

Rectangle

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



54.2417, 0.3534, 0.3979



54.2417, 0.2908, 0.3757



54.2417, 0.2705, 0.2663



54.2417, 0.3319, 0.2882

Sweetspot

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



54.2441, 0.3534, 0.3979



98.6842, 0.3244, 0.3487



33.9001, 0.3723, 0.3304



21.0728, 0.3266, 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.



54.2441, 0.3534, 0.3979



95.4230, 0.3616, 0.4119



50.8721, 0.3302, 0.4034



12.4067, 0.3262, 0.3518



33.7604, 0.4162, 0.5078



1.6018, 0.4169, 0.5072

Inverse Universe

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



29.6392, 0.2656, 0.2498



45.1044, 0.2542, 0.2307



32.4156, 0.2904, 0.2551



10.2966, 0.2985, 0.3051



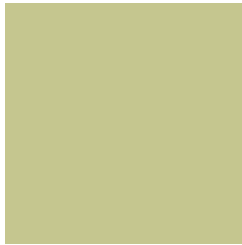
2.6708, 0.1507, 0.0604



0.1298, 0.1530, 0.0616

Previews

White Background



This preview shows how the Yxy color 54.2417, 0.3534, 0.3979 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 54.2417, 0.3534, 0.3979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

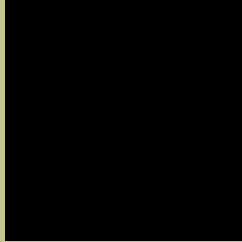
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2417, 0.3534, 0.3979

Background



This preview shows how black text looks on a background with the Yxy color 54.2417, 0.3534, 0.3979.



This preview shows how white text looks on a background with the Yxy color 54.2417, 0.3534, 0.3979.

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

54.2417, 0.3534, 0.3979

Protanopia

54.0620, 0.3667, 0.3934

Deuteranopia

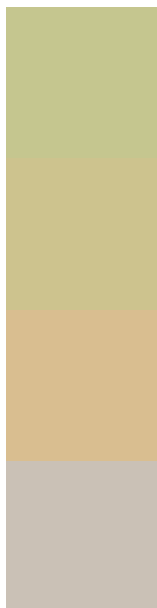
53.8202, 0.3843, 0.3762



Tritanopia

54.2138, 0.3135, 0.3113

Trichromacy



Original Color

54.2417, 0.3534, 0.3979

Protanomaly

53.9623, 0.3620, 0.3941

Deuteranomaly

53.5922, 0.3728, 0.3838

Tritanomaly

54.0739, 0.3285, 0.3424

Monochromacy



Original Color

54.2417, 0.3534, 0.3979

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.9770, 0.3270, 0.3541

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2417, 0.3534, 0.3979 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(197, 198, 143)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 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(197, 198, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 143) }
```

Border

The CSS property to change the border of an element to Yxy 54.2417, 0.3534, 0.3979 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(197, 198, 143) }
```

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

```
.border{ border-color:rgb(197, 198, 143) }
```

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

Here you see how a box with a 4 pixel rgb(197, 198, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 143);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2417, 0.3534, 0.3979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 143) }
```

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

```
.background{ background-color: rgb(197,  
198, 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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