

Converting Colors

$Yxy(54.2060, 0.3378, 0.3955)$

Have a look what the booklet for
Yxy(54.2060, 0.3378, 0.3955)
contains.

Yxy(54.2575, 0.3380, 0.3959)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.2575, 0.3380, 0.3959)

Conversions

Conversions Part 1

Format	Color
Hex	B9C995
RGB	185, 201, 149
RGB Percent	73%, 79%, 58%
CMY	0.2744, 0.2118, 0.4156
CMYK	0.08, 0.00, 0.26, 0.21
HSL	78°, 32%, 69%
HSV	78°, 26%, 79%
XYZ	46.3224, 54.2575, 36.4686
YIQ	190.2880, 7.1560, -19.5640

Conversions

Conversions Part 2

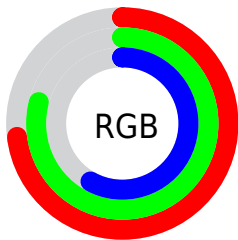
Format	Color
RYB	149, 201, 165
Decimal	12175765
CIELab	78.61, -14.33, 24.23
CIELCh	79, 28.150, 120.602
Yxy	54.2575, 0.3380, 0.3959
Android (android.graphics.Color)	4290365845 (0xFFB9C995)
YUV	190.2880, -20.3550, -4.6376
Hunter-Lab	73.6597, -16.6511, 22.2076

Details

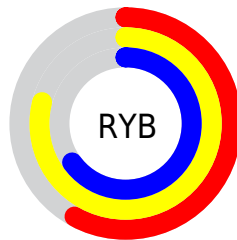
The Yxy color **54.2575, 0.3380, 0.3959** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.7139, 0.2824, 0.2586**, and the grayscale version is **51.7867, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5326, 0.3343, 0.3816**, and **26.5746, 0.3432, 0.4146** is the 20% darker color. If you saturate the color by 10%, you get **52.9202, 0.3472, 0.4234**, and if you desaturate by 10%, it is **55.7438, 0.3283, 0.3690**.

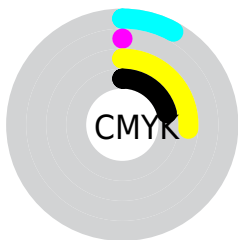
Distribution



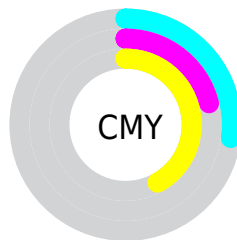
- Red (73%)
- Green (79%)
- Blue (58%)



- Red (58%)
- Yellow (79%)
- Blue (65%)



- Cyan (8%)
- Magenta (0%)
- Yellow (26%)
- Black (21%)





- Cyan (27%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2575, 0.3380, 0.3959 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 54.2575, 0.3380, 0.3959 by changing the saturation by 10% instead.


 54.2575, 0.3380,
0.3959


 54.2575, 0.3380,
0.3959


403.0912, 0.3263,
0.3625

 38.8076, 0.3406,
0.4042


 96.4522, 0.3340,
0.3838

 26.6101, 0.3438,
0.4147


 123.9658, 0.3324,
0.3792

 17.2806, 0.3477,
0.4287


156.2694, 0.3310,
0.3754

 10.4347, 0.3525,
0.4478

193.7474, 0.3298,
0.3721

 5.6881, 0.3582,
0.4754

236.7841, 0.3288,
0.3692

 2.6564, 0.3678,
0.5239

285.7641, 0.3278,

 0.9551, 0.3681,

0.3667

0.6319

341.0717, 0.3270,
0.3645

0.0000, 0.0000,
0.0000

54.2575, 0.3380,
0.3959

54.2575, 0.3380,
0.3959

52.9202, 0.3472,
0.4234

55.7438, 0.3283,
0.3690

51.7186, 0.3555,
0.4507

57.3777, 0.3184,
0.3433

50.6484, 0.3623,
0.4765


59.1667, 0.3087,
0.3193

49.7025, 0.3671,
0.4998


61.1161, 0.2994,
0.2971


48.8726, 0.3696,
0.5193


63.2306, 0.2906,
0.2769

 48.1493, 0.3696,
0.5343


 64.5377, 0.2915,
0.2723

 47.5210, 0.3671,
0.5444

 65.5321, 0.2958,
0.2730

 47.2799, 0.3658,
0.5478

 66.5625, 0.3003,
0.2737

 67.6295, 0.3047,
0.2744

Harmonies

Analogous

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



54.2575, 0.3697, 0.3898



54.2575, 0.3380, 0.3959



54.2575, 0.3007, 0.3811

Triad

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



54.2575, 0.3380, 0.3959



54.2575, 0.2439, 0.2845



54.2575, 0.3579, 0.3083

Complementary

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



54.2575, 0.3380, 0.3959



33.7139, 0.2824, 0.2586

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.



54.2575, 0.3215, 0.2839



54.2575, 0.3380, 0.3959



54.2575, 0.2569, 0.2697

Square

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



54.2575, 0.3380, 0.3959



54.2575, 0.2477, 0.3132



54.2575, 0.2846, 0.2700



54.2575, 0.3823, 0.3382

Rectangle

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



54.2575, 0.3380, 0.3959



54.2575, 0.2778, 0.3612



54.2575, 0.2846, 0.2700



54.2575, 0.3466, 0.2993

Sweetspot

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



54.2599, 0.3380, 0.3959



97.5849, 0.3206, 0.3489



41.3566, 0.3623, 0.3493



20.7941, 0.3221, 0.3528



0.0000, 0.0000, 0.0000



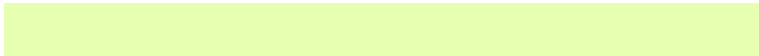
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2599, 0.3380, 0.3959



91.5911, 0.3432, 0.4112



51.3563, 0.3173, 0.4004



12.2471, 0.3219, 0.3521



29.7779, 0.3665, 0.5472



1.4469, 0.3779, 0.5382

Inverse Universe

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



33.7139, 0.2824, 0.2586



50.5653, 0.2744, 0.2415



36.7401, 0.3059, 0.2633



10.4430, 0.3030, 0.3055



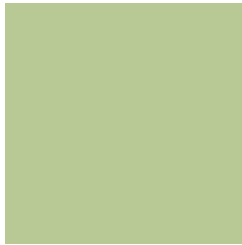
3.3341, 0.1719, 0.0721



0.1965, 0.1957, 0.0852

Previews

White Background



This preview shows how the Yxy color 54.2575, 0.3380, 0.3959 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 54.2575, 0.3380, 0.3959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

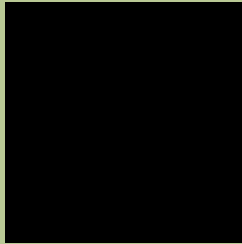
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2575, 0.3380, 0.3959

Background



This preview shows how black text looks on a background with the Yxy color 54.2575, 0.3380, 0.3959.



This preview shows how white text looks on a background with the Yxy color 54.2575, 0.3380, 0.3959.

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

54.2575, 0.3380, 0.3959

Protanopia

54.0688, 0.3619, 0.3875

Deuteranopia

53.7157, 0.3766, 0.3684



Tritanopia

54.0315, 0.3017, 0.3109

Trichromacy



Original Color

54.2575, 0.3380, 0.3959

Protanomaly

54.3184, 0.3532, 0.3911

Deuteranomaly

53.4930, 0.3624, 0.3774

Tritanomaly

54.0149, 0.3146, 0.3402

Monochromacy



Original Color

54.2575, 0.3380, 0.3959

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.3701, 0.3221, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2575, 0.3380, 0.3959 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(185, 201, 149)` looks like.

```
.text, #text, p{  
    color:rgb(185, 201, 149)  
}
```

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(185, 201, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 201, 149) }
```

Border

The CSS property to change the border of an element to Yxy 54.2575, 0.3380, 0.3959 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(185, 201, 149) }
```

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

```
.border{ border-color:rgb(185, 201, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 201, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 201, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 201, 149);  
box-shadow:4px 4px 4px 4px rgb(185, 201,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2575, 0.3380, 0.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 201, 149) }
```

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

```
.background{ background-color: rgb(185,  
201, 149) }
```

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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