

Converting Colors

Yxy(52.6173, 0.3499, 0.4123)

Have a look what the booklet for
Yxy(52.6173, 0.3499, 0.4123)
contains.

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Color

Yxy(52.4237, 0.3497, 0.4120)

Conversions

Conversions Part 1

Format	Color
Hex	B9C686
RGB	185, 198, 134
RGB Percent	73%, 78%, 53%
CMY	0.2747, 0.2235, 0.4746
CMYK	0.07, 0.00, 0.32, 0.22
HSL	72°, 36%, 65%
HSV	72°, 32%, 78%
XYZ	44.4965, 52.4237, 30.3218
YIQ	186.8170, 12.7960, -22.6600

Conversions

Conversions Part 2

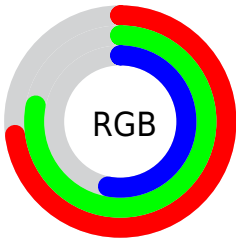
Format	Color
RYB	134, 198, 147
Decimal	12174982
CIELab	77.53, -14.92, 30.66
CIELCh	78, 34.098, 115.953
Yxy	52.4237, 0.3497, 0.4120
Android (android.graphics.Color)	4290365062 (0xFFB9C686)
YUV	186.8170, -26.0388, -1.5935
Hunter-Lab	72.4042, -17.0089, 25.8532

Details

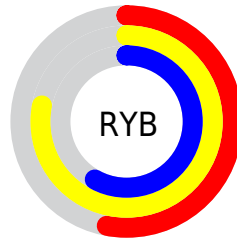
The Yxy color **52.4237, 0.3497, 0.4120** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.3312, 0.2670, 0.2373**, and the grayscale version is **49.7267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0281, 0.3438, 0.3969**, and **25.3963, 0.3586, 0.4358** is the 20% darker color. If you saturate the color by 10%, you get **51.4293, 0.3602, 0.4381**, and if you desaturate by 10%, it is **53.5405, 0.3384, 0.3855**.

Distribution



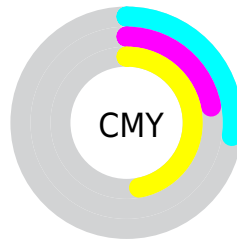
- Red (73%)
- Green (78%)
- Blue (53%)



- Red (53%)
- Yellow (78%)
- Blue (58%)



- Cyan (7%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)




- Cyan (27%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4237, 0.3497, 0.4120 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 52.4237, 0.3497, 0.4120 by changing the saturation by 10% instead.


 52.4237, 0.3497,
0.4120

 52.4237, 0.3497,
0.4120


396.0702, 0.3325,
0.3704

 37.3429, 0.3535,
0.4223


 93.7558, 0.3438,
0.3969

 25.4731, 0.3581,
0.4354


 120.7759, 0.3415,
0.3913

 16.4299, 0.3635,
0.4525


 152.5446, 0.3395,
0.3865

 9.8289, 0.3700,
0.4757

189.4462, 0.3377,
0.3823

 5.2856, 0.3769,
0.5085

231.8652, 0.3362,
0.3788

 2.4158, 0.4067,
0.5933

280.1859, 0.3348,

 0.8340, 0.3394,

0.3756

0.6606

334.7928, 0.3336,
0.3729

0.0000, 0.0000,
0.0000

52.4237, 0.3497,
0.4120

52.4237, 0.3497,
0.4120

51.4293, 0.3602,
0.4381

53.5405, 0.3384,
0.3855

50.5444, 0.3694,
0.4629

54.7781, 0.3269,
0.3595

49.7648, 0.3769,
0.4852


56.1439, 0.3154,
0.3346


49.0834, 0.3820,
0.5040


57.6428, 0.3042,
0.3112


48.4918, 0.3846,
0.5185


59.2792, 0.2936,
0.2895


 47.9801, 0.3847,
0.5285

 61.0575, 0.2837,
0.2696

 47.6283, 0.3835,
0.5337

 61.7959, 0.2851,
0.2680

 62.4081, 0.2880,
0.2685

 63.0355, 0.2908,
0.2689

Harmonies

Analogous

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



52.4237, 0.3866, 0.3996



52.4237, 0.3497, 0.4120



52.4237, 0.3045, 0.3983

Triad

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



52.4237, 0.3497, 0.4120



52.4237, 0.2290, 0.2786



52.4237, 0.3617, 0.2985

Complementary

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



52.4237, 0.3497, 0.4120



27.3312, 0.2670, 0.2373

Split Complementary

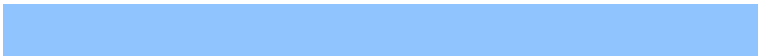
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.4237, 0.3158, 0.2712



52.4237, 0.3497, 0.4120



52.4237, 0.2414, 0.2586

Square

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



52.4237, 0.3497, 0.4120



52.4237, 0.2365, 0.3155



52.4237, 0.2721, 0.2567



52.4237, 0.3950, 0.3336

Rectangle

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



52.4237, 0.3497, 0.4120



52.4237, 0.2759, 0.3753



52.4237, 0.2721, 0.2567



52.4237, 0.3471, 0.2882

Sweetspot

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



52.4260, 0.3497, 0.4120



97.4922, 0.3243, 0.3540



34.5316, 0.3810, 0.3462



20.7960, 0.3260, 0.3576



0.0000, 0.0000, 0.0000



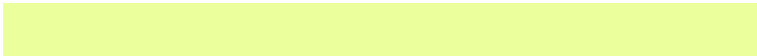
21.4041, 0.3127, 0.3290

Same Dimension

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



52.4260, 0.3497, 0.4120



91.5196, 0.3574, 0.4310



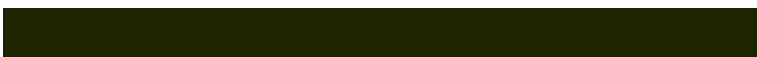
48.9081, 0.3231, 0.4195



12.3036, 0.3234, 0.3520



31.0049, 0.3840, 0.5333



1.4965, 0.3918, 0.5271

Inverse Universe

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



27.3312, 0.2670, 0.2373



40.0565, 0.2544, 0.2135



30.6850, 0.2973, 0.2448



10.3899, 0.3014, 0.3053



2.9795, 0.1608, 0.0659



0.1725, 0.1812, 0.0772

Previews

White Background



This preview shows how the Yxy color 52.4237, 0.3497, 0.4120 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 52.4237, 0.3497, 0.4120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

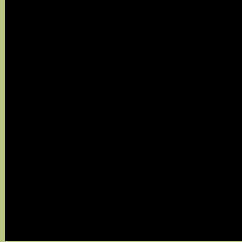
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4237, 0.3497, 0.4120

Background



This preview shows how black text looks on a background with the Yxy color 52.4237, 0.3497, 0.4120.



This preview shows how white text looks on a background with the Yxy color 52.4237, 0.3497, 0.4120.

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

52.4237, 0.3497, 0.4120

Protanopia

52.1657, 0.3739, 0.4025

Deuteranopia

52.0040, 0.3905, 0.3823



Tritanopia

52.2242, 0.3055, 0.3107

Trichromacy



Original Color

52.4237, 0.3497, 0.4120

Protanomaly

52.3916, 0.3648, 0.4066

Deuteranomaly

51.7411, 0.3756, 0.3920

Tritanomaly

52.0303, 0.3218, 0.3454

Monochromacy



Original Color

52.4237, 0.3497, 0.4120

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.5279, 0.3262, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4237, 0.3497, 0.4120 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, 198, 134)` looks like.

```
.text, #text, p{  
    color:rgb(185, 198, 134)  
}
```

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, 198, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 198, 134) }
```

Border

The CSS property to change the border of an element to Yxy 52.4237, 0.3497, 0.4120 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, 198, 134) }
```

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

```
.border{ border-color:rgb(185, 198, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 198, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 198, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 198, 134); box-shadow:4px 4px 4px 4px rgb(185, 198, 134) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4237, 0.3497, 0.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 198, 134) }
```

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

```
.background{ background-color: rgb(185,  
198, 134) }
```

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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