

Converting Colors

$Yxy(52.5975, 0.3462, 0.4132)$

Have a look what the booklet for
Yxy(52.5975, 0.3462, 0.4132)
contains.

Yxy(52.5412, 0.3461, 0.4125)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.5412, 0.3461, 0.4125)

Conversions

Conversions Part 1

Format	Color
Hex	B6C787
RGB	182, 199, 135
RGB Percent	71%, 78%, 53%
CMY	0.2864, 0.2196, 0.4705
CMYK	0.09, 0.00, 0.32, 0.22
HSL	76°, 36%, 65%
HSV	76°, 32%, 78%
XYZ	44.0837, 52.5412, 30.7477
YIQ	186.6210, 10.4120, -23.5080

Conversions

Conversions Part 2

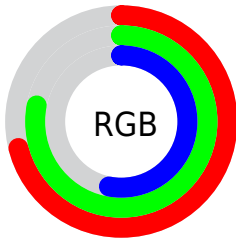
Format	Color
RYB	135, 199, 152
Decimal	11978631
CIELab	77.60, -16.43, 30.17
CIElCh	78, 34.353, 118.568
Yxy	52.5412, 0.3461, 0.4125
Android (android.graphics.Color)	4290168711 (0xFFB6C787)
YUV	186.6210, -25.4492, -4.0526
Hunter-Lab	72.4853, -18.2903, 25.5893

Details

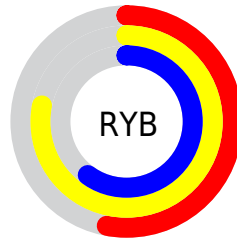
The Yxy color $52.5412, 0.3461, 0.4125$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $28.1406, 0.2710, 0.2387$, and the grayscale version is $49.6104, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.5448, 0.3412, 0.3963$, and $25.4801, 0.3537, 0.4369$ is the 20% darker color. If you saturate the color by 10%, you get $51.4011, 0.3555, 0.4394$, and if you desaturate by 10%, it is $53.8152, 0.3359, 0.3855$.

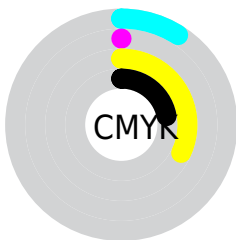
Distribution



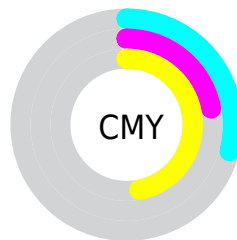
- Red (71%)
- Green (78%)
- Blue (53%)



- Red (53%)
- Yellow (78%)
- Blue (60%)



- Cyan (9%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)





- Cyan (29%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5412, 0.3461, 0.4125 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 52.5412, 0.3461, 0.4125 by changing the saturation by 10% instead.

 52.5412, 0.3461,
0.4125


 52.5412, 0.3461,
0.4125


396.5224, 0.3307,
0.3705


 37.4366, 0.3495,
0.4229


 93.9289, 0.3409,
0.3973

 25.5457, 0.3535,
0.4362


 120.9808, 0.3388,
0.3915

 16.4841, 0.3582,
0.4536


 152.7840, 0.3370,
0.3867

 9.8674, 0.3637,
0.4774

189.7228, 0.3354,
0.3825

 5.3111, 0.3693,
0.5112

232.1817, 0.3340,
0.3789

 2.4309, 0.3972,
0.5997

280.5450, 0.3328,

 0.8417, 0.3216,

0.3758

0.6784

335.1971, 0.3317,
0.3730

0.0000, 0.0000,
0.0000

52.5412, 0.3461,
0.4125

52.5412, 0.3461,
0.4125

51.4011, 0.3555,
0.4394

53.8152, 0.3359,
0.3855

50.3818, 0.3636,
0.4653

55.2217, 0.3254,
0.3592

49.4789, 0.3700,
0.4888

56.7684, 0.3149,
0.3342

48.6849, 0.3741,
0.5090


58.4602, 0.3048,
0.3108

47.9914, 0.3757,
0.5250


60.3018, 0.2950,
0.2893

 47.3882, 0.3748,
0.5361

 62.2977, 0.2859,
0.2697

 46.9637, 0.3727,
0.5423

 63.1438, 0.2893,
0.2698

 63.9795, 0.2930,
0.2704

 64.8416, 0.2968,
0.2710

Harmonies

Analogous

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



52.5412, 0.3845, 0.4020



52.5412, 0.3461, 0.4125



52.5412, 0.3004, 0.3964

Triad

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



52.5412, 0.3461, 0.4125



52.5412, 0.2287, 0.2758



52.5412, 0.3657, 0.3011

Complementary

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



52.5412, 0.3461, 0.4125



28.1406, 0.2710, 0.2387

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.



52.5412, 0.3200, 0.2728



52.5412, 0.3461, 0.4125



52.5412, 0.2430, 0.2573

Square

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



52.5412, 0.3461, 0.4125



52.5412, 0.2346, 0.3116



52.5412, 0.2753, 0.2569



52.5412, 0.3974, 0.3368

Rectangle

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



52.5412, 0.3461, 0.4125



52.5412, 0.2722, 0.3719



52.5412, 0.2753, 0.2569



52.5412, 0.3513, 0.2906

Sweetspot

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



52.5435, 0.3461, 0.4125



97.1996, 0.3233, 0.3541



36.0336, 0.3791, 0.3503



20.7249, 0.3248, 0.3577



0.0000, 0.0000, 0.0000



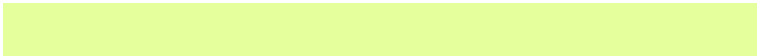
21.4041, 0.3127, 0.3290

Same Dimension

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



52.5435, 0.3461, 0.4125



90.4828, 0.3532, 0.4325



49.1836, 0.3206, 0.4197



12.2694, 0.3225, 0.3521



30.2393, 0.3734, 0.5417



1.4658, 0.3834, 0.5338

Inverse Universe

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



28.1406, 0.2710, 0.2387



40.7960, 0.2590, 0.2149



31.5278, 0.3005, 0.2461



10.4218, 0.3023, 0.3054



3.1753, 0.1670, 0.0694



0.1869, 0.1900, 0.0820

Previews

White Background



This preview shows how the Yxy color 52.5412, 0.3461, 0.4125 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 52.5412, 0.3461, 0.4125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

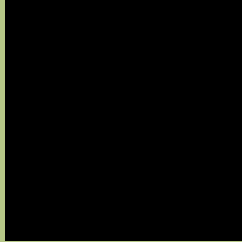
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5412, 0.3461, 0.4125

Background



This preview shows how black text looks on a background with the Yxy color 52.5412, 0.3461, 0.4125.



This preview shows how white text looks on a background with the Yxy color 52.5412, 0.3461, 0.4125.

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

52.5412, 0.3461, 0.4125

Protanopia

52.1929, 0.3731, 0.4013

Deuteranopia

52.0328, 0.3897, 0.3811



Tritanopia

52.3111, 0.3024, 0.3106

Trichromacy



Original Color

52.5412, 0.3461, 0.4125

Protanomaly

52.2828, 0.3631, 0.4056

Deuteranomaly

52.0502, 0.3735, 0.3922

Tritanomaly

52.1266, 0.3184, 0.3455

Monochromacy



Original Color

52.5412, 0.3461, 0.4125

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.4030, 0.3254, 0.3588

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5412, 0.3461, 0.4125 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(182, 199, 135)` looks like.

```
.text, #text, p{  
    color:rgb(182, 199, 135)  
}
```

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(182, 199, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 199, 135) }
```

Border

The CSS property to change the border of an element to Yxy 52.5412, 0.3461, 0.4125 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(182, 199, 135) }
```

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

```
.border{ border-color:rgb(182, 199, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 199, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 199, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 199, 135);  
box-shadow:4px 4px 4px 4px rgb(182, 199,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5412, 0.3461, 0.4125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 199, 135) }
```

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

```
.background{ background-color: rgb(182,  
199, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor