

Converting Colors

Yxy(57.6101, 0.3294, 0.4289)

Have a look what the booklet for
Yxy(57.6101, 0.3294, 0.4289)
contains.

Yxy(57.6101, 0.3294, 0.4289)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.6101, 0.3294, 0.4289)

Conversions

Conversions Part 1

Format	Color
Hex	A7D589
RGB	167, 213, 137
RGB Percent	65%, 84%, 54%
CMY	0.3452, 0.1647, 0.4626
CMYK	0.22, 0.00, 0.36, 0.16
HSL	96°, 47%, 69%
HSV	96°, 36%, 84%
XYZ	44.2452, 57.6101, 32.4653
YIQ	190.5820, -3.0200, -33.3880

Conversions

Conversions Part 2

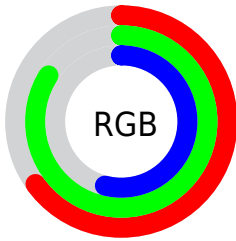
Format	Color
RYB	137, 213, 183
Decimal	10999177
CIELab	80.52, -28.53, 32.80
CIElCh	81, 43.477, 131.019
Yxy	57.6101, 0.3294, 0.4289
Android (android.graphics.Color)	4289189257 (0xFFA7D589)
YUV	190.5820, -26.4159, -20.6814
Hunter-Lab	75.9013, -28.7742, 27.7708

Details

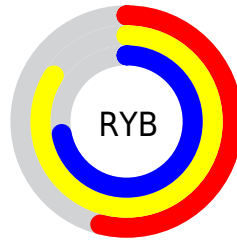
The Yxy color **57.6101, 0.3294, 0.4289** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.7778, 0.2884, 0.2334**, and the grayscale version is **52.0037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9696, 0.3295, 0.3965**, and **28.6363, 0.3310, 0.4575** is the 20% darker color. If you saturate the color by 10%, you get **55.7245, 0.3326, 0.4603**, and if you desaturate by 10%, it is **59.7615, 0.3252, 0.3984**.

Distribution



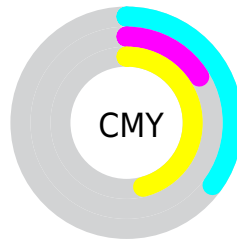
- Red (65%)
- Green (84%)
- Blue (54%)



- Red (54%)
- Yellow (84%)
- Blue (72%)



- Cyan (22%)
- Magenta (0%)
- Yellow (36%)
- Black (16%)





- Cyan (35%)
- Magenta (16%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6101, 0.3294, 0.4289 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 57.6101, 0.3294, 0.4289 by changing the saturation by 10% instead.

 57.6101, 0.3294,
0.4289


 57.6101, 0.3294,
0.4289


415.7315, 0.3229,
0.3786

 41.4953, 0.3304,
0.4414


 101.3549, 0.3275,
0.4106

 28.7063, 0.3314,
0.4574


 129.7536, 0.3266,
0.4038

 18.8587, 0.3320,
0.4784


 163.0157, 0.3258,
0.3979

 11.5683, 0.3317,
0.5071

201.5257, 0.3251,
0.3930

 6.4504, 0.3287,
0.5481

245.6678, 0.3245,
0.3887

 3.1209, 0.3303,
0.6331

295.8266, 0.3239,

 1.1951, 0.2557,

0.3849

0.7443

352.3864, 0.3234,
0.3816

■ 0.0577, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6101, 0.3294,
0.4289

■ 57.6101, 0.3294,
0.4289

■ 55.7245, 0.3326,
0.4603

■ 59.7615, 0.3252,
0.3984

■ 54.0861, 0.3346,
0.4911

■ 62.1819, 0.3205,
0.3696


■ 52.6852, 0.3350,
0.5199

■ 64.8834, 0.3156,
0.3430


■ 51.5084, 0.3335,
0.5448

■ 67.8754, 0.3105,
0.3189

 50.5407, 0.3301,
0.5642

 71.1668, 0.3056,
0.2972

 49.7641, 0.3252,
0.5775

 74.1163, 0.3072,
0.2871

 49.4757, 0.3228,
0.5819

 76.0717, 0.3146,
0.2881

Harmonies

Analogous

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



57.6101, 0.3820, 0.4269



57.6101, 0.3294, 0.4289



57.6101, 0.2750, 0.3953

Triad

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



57.6101, 0.3294, 0.4289



57.6101, 0.2159, 0.2520



57.6101, 0.3972, 0.3117

Complementary

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



57.6101, 0.3294, 0.4289



32.7778, 0.2884, 0.2334

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.



57.6101, 0.3453, 0.2738



57.6101, 0.3294, 0.4289



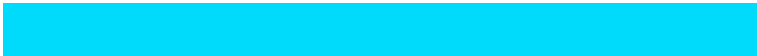
57.6101, 0.2420, 0.2399

Square

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



57.6101, 0.3294, 0.4289



57.6101, 0.2127, 0.2863



57.6101, 0.2879, 0.2483



57.6101, 0.4243, 0.3555

Rectangle

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



57.6101, 0.3294, 0.4289



57.6101, 0.2449, 0.3589



57.6101, 0.2879, 0.2483



57.6101, 0.3818, 0.2981

Sweetspot

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



57.6126, 0.3294, 0.4289



95.2421, 0.3183, 0.3572



49.6628, 0.3779, 0.3845



20.2681, 0.3190, 0.3608



0.0000, 0.0000, 0.0000



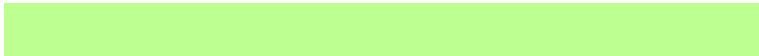
21.4041, 0.3127, 0.3290

Same Dimension

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



57.6126, 0.3294, 0.4289



84.3406, 0.3320, 0.4533



54.9454, 0.3031, 0.4249



14.1324, 0.3175, 0.3527



30.2753, 0.3239, 0.5811



1.8733, 0.3376, 0.5701

Inverse Universe

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



32.7778, 0.2884, 0.2334



41.5405, 0.2814, 0.2113



36.4745, 0.3240, 0.2490



12.3770, 0.3076, 0.3056



5.8471, 0.2249, 0.1013



0.4000, 0.2414, 0.1103

Previews

White Background



This preview shows how the Yxy color 57.6101, 0.3294, 0.4289 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 57.6101, 0.3294, 0.4289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

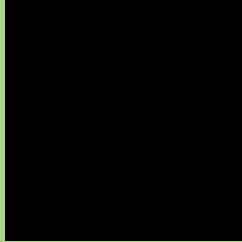
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6101, 0.3294, 0.4289

Background



This preview shows how black text looks on a background with the Yxy color 57.6101, 0.3294, 0.4289.



This preview shows how white text looks on a background with the Yxy color 57.6101, 0.3294, 0.4289.

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

57.6101, 0.3294, 0.4289

Protanopia

57.0845, 0.3784, 0.4088

Deuteranopia

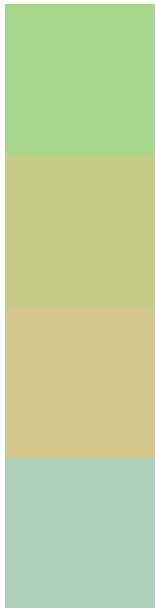
57.2191, 0.3916, 0.3835



Tritanopia

57.5296, 0.2850, 0.3096

Trichromacy



Original Color

57.6101, 0.3294, 0.4289

Protanomaly

56.8850, 0.3596, 0.4165

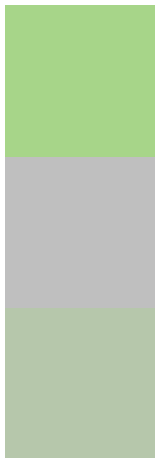
Deuteranomaly

56.7373, 0.3682, 0.3994

Tritanomaly

57.4137, 0.3013, 0.3517

Monochromacy



Original Color

57.6101, 0.3294, 0.4289

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.7322, 0.3197, 0.3650

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6101, 0.3294, 0.4289 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(167, 213, 137)` looks like.

```
.text, #text, p{  
    color:rgb(167, 213, 137)  
}
```

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(167, 213, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 213, 137) }
```

Border

The CSS property to change the border of an element to Yxy 57.6101, 0.3294, 0.4289 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(167, 213, 137) }
```

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

```
.border{ border-color:rgb(167, 213, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 213, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 213, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 213, 137); box-shadow:4px 4px 4px 4px rgb(167, 213, 137) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6101, 0.3294, 0.4289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 213, 137) }
```

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

```
.background{ background-color: rgb(167,  
213, 137) }
```

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