

Converting Colors

$Yxy(57.1779, 0.3273, 0.4313)$

Have a look what the booklet for
Yxy(57.1779, 0.3273, 0.4313)
contains.

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Color

Yxy(57.1526, 0.3270, 0.4312)

Conversions

Conversions Part 1

Format	Color
Hex	A3D588
RGB	163, 213, 136
RGB Percent	64%, 84%, 53%
CMY	0.3608, 0.1647, 0.4666
CMYK	0.23, 0.00, 0.36, 0.16
HSL	99°, 48%, 68%
HSV	99°, 36%, 84%
XYZ	43.3416, 57.1526, 32.0489
YIQ	189.2720, -5.0830, -34.5470

Conversions

Conversions Part 2

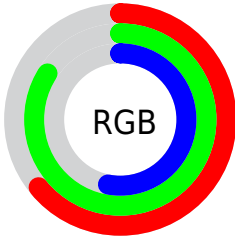
Format	Color
RYB	136, 213, 186
Decimal	10737032
CIELab	80.27, -30.09, 32.94
CIELCh	80, 44.608, 132.412
Yxy	57.1526, 0.3270, 0.4312
Android (android.graphics.Color)	4288927112 (0xFFA3D588)
YUV	189.2720, -26.2631, -23.0405
Hunter-Lab	75.5993, -29.9636, 27.7846

Details

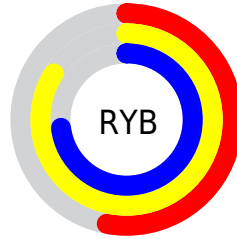
The Yxy color **57.1526, 0.3270, 0.4312** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **32.8653, 0.2912, 0.2330**, and the grayscale version is **51.2090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2978, 0.3275, 0.3981**, and **28.4246, 0.3288, 0.4604** is the 20% darker color. If you saturate the color by 10%, you get **55.2264, 0.3295, 0.4631**, and if you desaturate by 10%, it is **59.3640, 0.3236, 0.4002**.

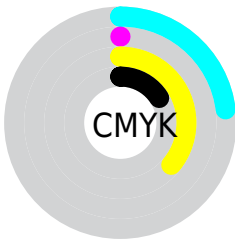
Distribution



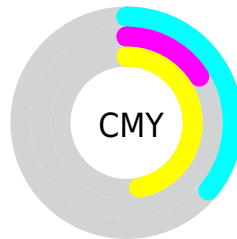
- Red (64%)
- Green (84%)
- Blue (53%)



- Red (53%)
- Yellow (84%)
- Blue (73%)



- Cyan (23%)
- Magenta (0%)
- Yellow (36%)
- Black (16%)





- Cyan (36%)
- Magenta (16%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1526, 0.3270, 0.4312 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 57.1526, 0.3270, 0.4312 by changing the saturation by 10% instead.


 57.1526, 0.3270,
0.4312

 57.1526, 0.3270,
0.4312


414.0209, 0.3217,
0.3796


 41.1278, 0.3277,
0.4441


 100.6878, 0.3255,
0.4124

 28.4189, 0.3282,
0.4606


 128.9670, 0.3248,
0.4053

 18.6417, 0.3283,
0.4823


 162.0997, 0.3242,
0.3994

 11.4117, 0.3272,
0.5122

200.4705, 0.3236,
0.3943

 6.3444, 0.3229,
0.5549

244.4635, 0.3231,
0.3899

 3.0556, 0.3237,
0.6467

294.4634, 0.3226,

 1.1608, 0.2295,

0.3860

0.7705

350.8543, 0.3221,
0.3826

0.0294, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.1526, 0.3270,
0.4312

57.1526, 0.3270,
0.4312

55.2264, 0.3295,
0.4631

59.3640, 0.3236,
0.4002

53.5657, 0.3308,
0.4946


61.8647, 0.3196,
0.3710


52.1597, 0.3306,
0.5239


64.6679, 0.3154,
0.3442

50.9937, 0.3287,
0.5491


67.7838, 0.3110,
0.3200

 50.0511, 0.3251,
0.5686

 71.2221, 0.3067,
0.2983

 49.3126, 0.3202,
0.5817

 74.4102, 0.3083,
0.2873

 49.0713, 0.3182,
0.5856

 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.



57.1526, 0.3815, 0.4305



57.1526, 0.3270, 0.4312



57.1526, 0.2714, 0.3950

Triad

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



57.1526, 0.3270, 0.4312



57.1526, 0.2142, 0.2488



57.1526, 0.4016, 0.3132

Complementary

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



57.1526, 0.3270, 0.4312



32.8653, 0.2912, 0.2330

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.



57.1526, 0.3490, 0.2740



57.1526, 0.3270, 0.4312



57.1526, 0.2418, 0.2376

Square

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



57.1526, 0.3270, 0.4312



57.1526, 0.2097, 0.2828



57.1526, 0.2898, 0.2471



57.1526, 0.4280, 0.3581

Rectangle

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



57.1526, 0.3270, 0.4312



57.1526, 0.2412, 0.3569



57.1526, 0.2898, 0.2471



57.1526, 0.3861, 0.2991

Sweetspot

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



57.1551, 0.3270, 0.4312



95.0288, 0.3175, 0.3572



50.5316, 0.3779, 0.3881



20.2175, 0.3181, 0.3609



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.



57.1551, 0.3270, 0.4312



83.7347, 0.3290, 0.4545



54.9126, 0.3014, 0.4226



14.1053, 0.3168, 0.3527



30.0247, 0.3192, 0.5848



1.8564, 0.3328, 0.5739

Inverse Universe

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



32.8653, 0.2912, 0.2330



42.2683, 0.2854, 0.2126



36.0625, 0.3266, 0.2506



12.4050, 0.3082, 0.3056



6.3151, 0.2349, 0.1068



0.4263, 0.2499, 0.1150

Previews

White Background



This preview shows how the Yxy color 57.1526, 0.3270, 0.4312 looks on a white background.

Color Contrast Check

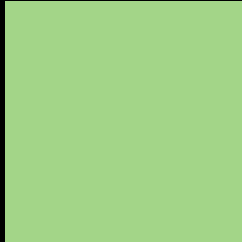
Large Text (above 18pt) WCAG AA × Fail

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 57.1526, 0.3270, 0.4312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

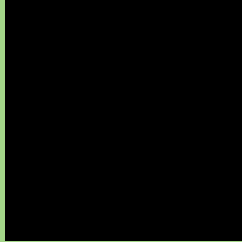
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1526, 0.3270, 0.4312

Background



This preview shows how black text looks on a background with the Yxy color 57.1526, 0.3270, 0.4312.

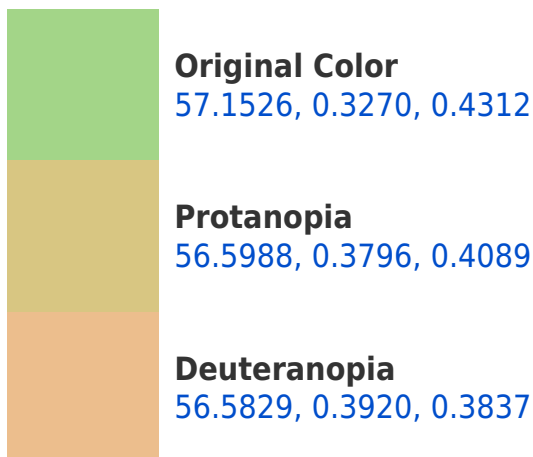


This preview shows how white text looks on a background with the Yxy color 57.1526, 0.3270, 0.4312.

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





Tritanopia

57.0565, 0.2823, 0.3094

Trichromacy



Original Color

57.1526, 0.3270, 0.4312



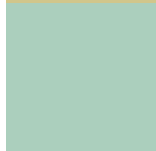
Protanomaly

56.2481, 0.3598, 0.4169



Deuteranomaly

55.8076, 0.3668, 0.4002



Tritanomaly

56.9577, 0.2984, 0.3519

Monochromacy



Original Color

57.1526, 0.3270, 0.4312



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

52.9937, 0.3189, 0.3653

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1526, 0.3270, 0.4312 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(163, 213, 136)` looks like.

```
.text, #text, p{  
    color:rgb(163, 213, 136)  
}
```

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(163, 213, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 213, 136) }
```

Border

The CSS property to change the border of an element to Yxy 57.1526, 0.3270, 0.4312 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(163, 213, 136) }
```

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

```
.border{ border-color:rgb(163, 213, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 213, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 213, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 213, 136);  
box-shadow:4px 4px 4px 4px rgb(163, 213,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1526, 0.3270, 0.4312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 213, 136) }
```

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

```
.background{ background-color: rgb(163,  
213, 136) }
```

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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