

Converting Colors

$Yxy(56.9271, 0.3123, 0.3829)$

Have a look what the booklet for
Yxy(56.9271, 0.3123, 0.3829)
contains.

Yxy(56.9370, 0.3124, 0.3837)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.9370, 0.3124, 0.3837)

Conversions

Conversions Part 1

Format	Color
Hex	AAD1A7
RGB	170, 209, 167
RGB Percent	67%, 82%, 65%
CMY	0.3332, 0.1804, 0.3452
CMYK	0.19, 0.00, 0.20, 0.18
HSL	116°, 31%, 74%
HSV	116°, 20%, 82%
XYZ	46.3568, 56.9370, 45.0955
YIQ	192.5510, -9.7620, -21.3300

Conversions

Conversions Part 2

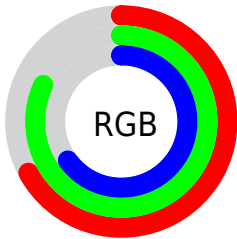
Format	Color
RYB	167, 209, 206
Decimal	11194791
CIELab	80.14, -20.84, 16.69
CIELCh	80, 26.695, 141.316
Yxy	56.9370, 0.3124, 0.3837
Android (android.graphics.Color)	4289384871 (0xFFAAD1A7)
YUV	192.5510, -12.5966, -19.7772
Hunter-Lab	75.4566, -22.3874, 17.3858

Details

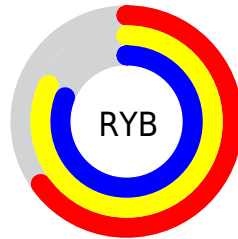
The Yxy color **56.9370, 0.3124, 0.3837** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.3475, 0.3124, 0.2790**, and the grayscale version is **53.1346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9627, 0.3136, 0.3630**, and **28.1309, 0.3114, 0.3984** is the 20% darker color. If you saturate the color by 10%, you get **54.2243, 0.3119, 0.4156**, and if you desaturate by 10%, it is **60.0979, 0.3127, 0.3548**.

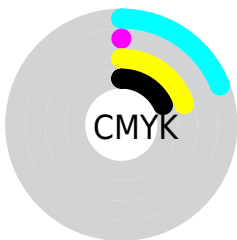
Distribution



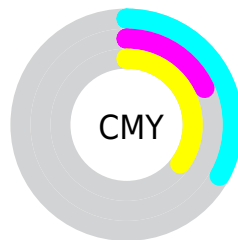
- Red (67%)
- Green (82%)
- Blue (65%)



- Red (65%)
- Yellow (82%)
- Blue (81%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (18%)



- Cyan (33%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9370, 0.3124, 0.3837 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 56.9370, 0.3124, 0.3837 by changing the saturation by 10% instead.

■ 56.9370, 0.3124,
0.3837

■ 56.9370, 0.3124,
0.3837

413.2132, 0.3130,
0.3564

■ 40.9547, 0.3121,
0.3905

■ 100.3733, 0.3127,
0.3738

■ 28.2837, 0.3117,
0.3992

■ 128.5960, 0.3128,
0.3701

■ 18.5396, 0.3109,
0.4108

161.6676, 0.3129,
0.3669

■ 11.3381, 0.3097,
0.4269

199.9725, 0.3129,
0.3642

■ 6.2947, 0.3073,
0.4506

243.8951, 0.3130,
0.3619

■ 3.0251, 0.3021,
0.4889

293.8199, 0.3130,

■ 1.1449, 0.3175,

0.3598

0.6506

350.1311, 0.3130,
0.3580

0.0160, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.9370, 0.3124,
0.3837

56.9370, 0.3124,
0.3837

54.2243, 0.3119,
0.4156

60.0979, 0.3127,
0.3548

51.9326, 0.3111,
0.4499

63.7184, 0.3127,
0.3293

50.0431, 0.3100,
0.4851

67.8184, 0.3126,
0.3069

48.5324, 0.3085,
0.5192

72.4145, 0.3125,
0.2875

■ 47.3749, 0.3068,
0.5496

■ 74.0803, 0.3148,
0.2841

■ 46.5418, 0.3048,
0.5739

■ 45.9996, 0.3029,
0.5902

■ 45.7034, 0.3014,
0.5989

Harmonies

Analogous

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



56.9370, 0.3466, 0.3916



56.9370, 0.3124, 0.3837



56.9370, 0.2795, 0.3582

Triad

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



56.9370, 0.3124, 0.3837



56.9370, 0.2550, 0.2763



56.9370, 0.3723, 0.3289

Complementary

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



56.9370, 0.3124, 0.3837



45.3475, 0.3124, 0.2790

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.



56.9370, 0.3452, 0.3017



56.9370, 0.3124, 0.3837



56.9370, 0.2772, 0.2721

Square

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



56.9370, 0.3124, 0.3837



56.9370, 0.2476, 0.2947



56.9370, 0.3099, 0.2815



56.9370, 0.3825, 0.3574

Rectangle

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



56.9370, 0.3124, 0.3837



56.9370, 0.2625, 0.3359



56.9370, 0.3099, 0.2815



56.9370, 0.3648, 0.3194

Sweetspot

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



56.9394, 0.3124, 0.3837



96.4612, 0.3127, 0.3441



60.2453, 0.3435, 0.3748



20.5677, 0.3127, 0.3458



0.0000, 0.0000, 0.0000



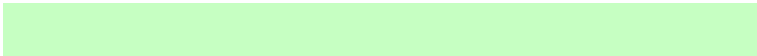
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9394, 0.3124, 0.3837



87.4456, 0.3122, 0.3967



57.2948, 0.2985, 0.3606



13.2467, 0.3127, 0.3529



28.1960, 0.3017, 0.5986



1.5912, 0.3074, 0.5942

Inverse Universe

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



45.3475, 0.3124, 0.2790



66.1407, 0.3122, 0.2684



44.9686, 0.3301, 0.2994



11.9635, 0.3126, 0.3060



9.9130, 0.3029, 0.1442



0.5676, 0.3064, 0.1461

Previews

White Background



This preview shows how the Yxy color 56.9370, 0.3124, 0.3837 looks on a white background.

Color Contrast Check

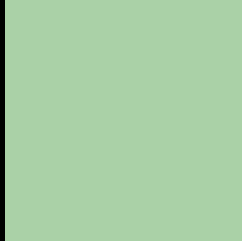
Large Text (above 18pt) WCAG AA × Fail

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 56.9370, 0.3124, 0.3837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

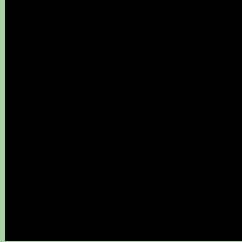
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9370, 0.3124, 0.3837

Background



This preview shows how black text looks on a background with the Yxy color 56.9370, 0.3124, 0.3837.

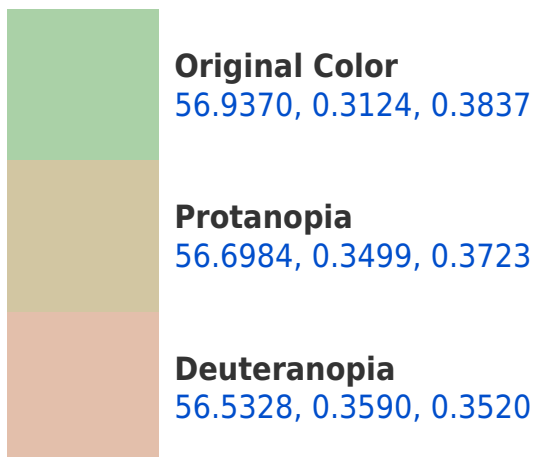


This preview shows how white text looks on a background with the Yxy color 56.9370, 0.3124, 0.3837.

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

56.8867, 0.2849, 0.3095

Trichromacy



Original Color

56.9370, 0.3124, 0.3837

Protanomaly

56.5235, 0.3350, 0.3762

Deuteranomaly

56.4123, 0.3403, 0.3629

Tritanomaly

57.0163, 0.2953, 0.3365

Monochromacy



Original Color

56.9370, 0.3124, 0.3837

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.6218, 0.3126, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9370, 0.3124, 0.3837 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(170, 209, 167)` looks like.

```
.text, #text, p{  
    color:rgb(170, 209, 167)  
}
```

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(170, 209, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 209, 167) }
```

Border

The CSS property to change the border of an element to Yxy 56.9370, 0.3124, 0.3837 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(170, 209, 167) }
```

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

```
.border{ border-color:rgb(170, 209, 167) }
```

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

Here you see how a box with a 4 pixel rgb(170, 209, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 209, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 209, 167);  
box-shadow:4px 4px 4px 4px rgb(170, 209,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9370, 0.3124, 0.3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 209, 167) }
```

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

```
.background{ background-color: rgb(170,  
209, 167) }
```

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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