

Converting Colors

$Yxy(57.4827, 0.3130, 0.3989)$

Have a look what the booklet for
Yxy(57.4827, 0.3130, 0.3989)
contains.

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Color

Yxy(57.4827, 0.3130, 0.3989)

Conversions

Conversions Part 1

Format	Color
Hex	A4D49F
RGB	164, 212, 159
RGB Percent	64%, 83%, 62%
CMY	0.3570, 0.1686, 0.3765
CMYK	0.23, 0.00, 0.25, 0.17
HSL	114°, 38%, 73%
HSV	114°, 25%, 83%
XYZ	45.1042, 57.4827, 41.5161
YIQ	191.6060, -11.5950, -26.6590

Conversions

Conversions Part 2

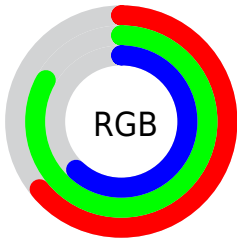
Format	Color
RYB	159, 212, 207
Decimal	10802335
CIELab	80.45, -25.74, 21.27
CIElCh	80, 33.386, 140.431
Yxy	57.4827, 0.3130, 0.3989
Android (android.graphics.Color)	4288992415 (0xFFA4D49F)
YUV	191.6060, -16.0748, -24.2105
Hunter-Lab	75.8173, -26.4895, 20.6061

Details

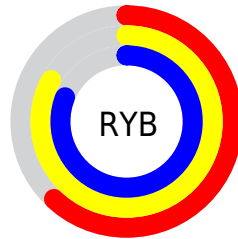
The Yxy color **57.4827, 0.3130, 0.3989** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.8219, 0.3112, 0.2663**, and the grayscale version is **52.5675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5907, 0.3144, 0.3720**, and **28.5550, 0.3122, 0.4192** is the 20% darker color. If you saturate the color by 10%, you get **54.9193, 0.3126, 0.4320**, and if you desaturate by 10%, it is **60.4862, 0.3130, 0.3686**.

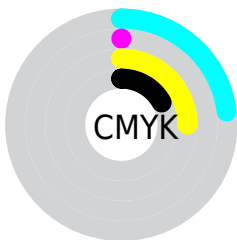
Distribution



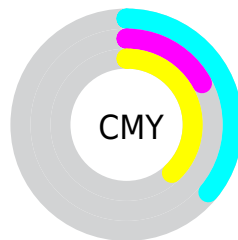
- Red (64%)
- Green (83%)
- Blue (62%)



- Red (62%)
- Yellow (83%)
- Blue (81%)



- Cyan (23%)
- Magenta (0%)
- Yellow (25%)
- Black (17%)





- Cyan (36%)
- Magenta (17%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4827, 0.3130, 0.3989 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 57.4827, 0.3130, 0.3989 by changing the saturation by 10% instead.


 57.4827, 0.3130,
0.3989

 57.4827, 0.3130,
0.3989

415.2556, 0.3136,
0.3638

 41.3929, 0.3126,
0.4077

 101.1692, 0.3134,
0.3861

 28.6262, 0.3120,
0.4189


 129.5346, 0.3135,
0.3813

 18.7982, 0.3109,
0.4339


162.7608, 0.3136,
0.3773

 11.5246, 0.3090,
0.4547

201.2320, 0.3136,
0.3738

 6.4208, 0.3053,
0.4853

245.3327, 0.3136,
0.3708

 3.1026, 0.2970,
0.5345

295.4473, 0.3136,

 1.1855, 0.2845,

0.3682

0.7155

351.9601, 0.3136,
0.3659

■ 0.0499, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4827, 0.3130,
0.3989

■ 57.4827, 0.3130,
0.3989

■ 54.9193, 0.3126,
0.4320

■ 60.4862, 0.3130,
0.3686

■ 52.7683, 0.3119,
0.4667

■ 63.9412, 0.3129,
0.3414

■ 51.0104, 0.3108,
0.5015

■ 67.8682, 0.3125,
0.3174

■ 49.6216, 0.3092,
0.5340

■ 72.2840, 0.3121,
0.2966

■ 48.5754, 0.3072,
0.5617

■ 75.5741, 0.3147,
0.2871

■ 47.8416, 0.3049,
0.5823

■ 47.3849, 0.3027,
0.5946

■ 47.2412, 0.3019,
0.5985

Harmonies

Analogous

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



57.4827, 0.3554, 0.4073



57.4827, 0.3130, 0.3989



57.4827, 0.2723, 0.3669

Triad

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



57.4827, 0.3130, 0.3989



57.4827, 0.2412, 0.2642



57.4827, 0.3865, 0.3271

Complementary

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



57.4827, 0.3130, 0.3989



42.8219, 0.3112, 0.2663

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.



57.4827, 0.3518, 0.2945



57.4827, 0.3130, 0.3989



57.4827, 0.2676, 0.2591

Square

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



57.4827, 0.3130, 0.3989



57.4827, 0.2327, 0.2867



57.4827, 0.3076, 0.2702



57.4827, 0.3998, 0.3621

Rectangle

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



57.4827, 0.3130, 0.3989



57.4827, 0.2513, 0.3385



57.4827, 0.3076, 0.2702



57.4827, 0.3768, 0.3156

Sweetspot

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



57.4851, 0.3130, 0.3989



95.4152, 0.3129, 0.3494



60.9886, 0.3516, 0.3853



20.2494, 0.3130, 0.3535



0.0000, 0.0000, 0.0000



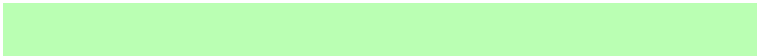
21.4041, 0.3127, 0.3290

Same Dimension

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



57.4851, 0.3130, 0.3989



85.1510, 0.3129, 0.4162



57.7682, 0.2958, 0.3706



13.9510, 0.3130, 0.3530



29.1792, 0.3023, 0.5982



1.7795, 0.3090, 0.5929

Inverse Universe

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



42.8219, 0.3112, 0.2663



59.1875, 0.3106, 0.2528



42.5471, 0.3345, 0.2908



12.5709, 0.3123, 0.3059



9.8894, 0.2976, 0.1413



0.6141, 0.3019, 0.1437

Previews

White Background



This preview shows how the Yxy color 57.4827, 0.3130, 0.3989 looks on a white background.

Color Contrast Check

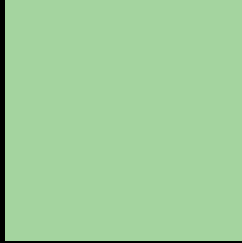
Large Text (above 18pt) WCAG AA × Fail

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 57.4827, 0.3130, 0.3989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

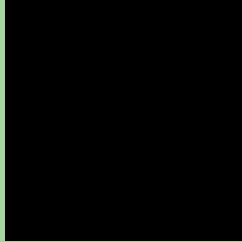
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4827, 0.3130, 0.3989

Background



This preview shows how black text looks on a background with the Yxy color 57.4827, 0.3130, 0.3989.



This preview shows how white text looks on a background with the Yxy color 57.4827, 0.3130, 0.3989.

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

57.4827, 0.3130, 0.3989

Protanopia

57.2929, 0.3592, 0.3838

Deuteranopia

56.8949, 0.3691, 0.3609



Tritanopia

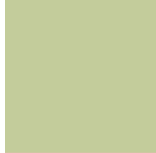
57.3517, 0.2804, 0.3094

Trichromacy



Original Color

57.4827, 0.3130, 0.3989



Protanomaly

57.1544, 0.3412, 0.3899



Deuteranomaly

56.7209, 0.3471, 0.3738



Tritanomaly

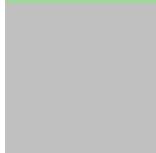
57.2489, 0.2918, 0.3403

Monochromacy



Original Color

57.4827, 0.3130, 0.3989



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

54.0872, 0.3131, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4827, 0.3130, 0.3989 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(164, 212, 159)` looks like.

```
.text, #text, p{  
    color:rgb(164, 212, 159)  
}
```

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(164, 212, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 212, 159) }
```

Border

The CSS property to change the border of an element to Yxy 57.4827, 0.3130, 0.3989 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(164, 212, 159) }
```

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

```
.border{ border-color:rgb(164, 212, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 212, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 212, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 212, 159);  
box-shadow:4px 4px 4px 4px rgb(164, 212,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4827, 0.3130, 0.3989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 212, 159) }
```

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

```
.background{ background-color: rgb(164,  
212, 159) }
```

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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