

Converting Colors

$Yxy(29.4247, 0.3246, 0.3876)$

Have a look what the booklet for
Yxy(29.4247, 0.3246, 0.3876)
contains.

| | |
|---|----|
| Yxy(29.5114, 0.3249, 0.3879) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(29.5114, 0.3249, 0.3879)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 869A77 |
| RGB | 134, 154, 119 |
| RGB Percent | 53%, 60%, 47% |
| CMY | 0.4745, 0.3961, 0.5333 |
| CMYK | 0.13, 0.00, 0.23, 0.40 |
| HSL | 94°, 15%, 54% |
| HSV | 94°, 23%, 60% |
| XYZ | 24.7184, 29.5114, 21.8502 |
| YIQ | 144.0300, -0.6850, -15.1250 |

Conversions

Conversions Part 2

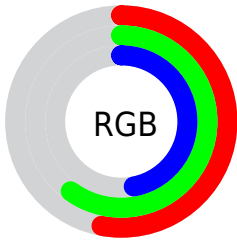
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 119, 154, 139 |
| Decimal | 8821367 |
| CIE _{Lab} | 61.23, -13.74, 16.06 |
| CIE _{LCh} | 61, 21.137, 130.537 |
| Yxy | 29.5114, 0.3249, 0.3879 |
| Android (android.graphics.Color) | 4287011447 (0xFF869A77) |
| YUV | 144.0300, -12.3398, -8.7963 |
| Hunter-Lab | 54.3244, -13.8477, 14.1797 |

Details

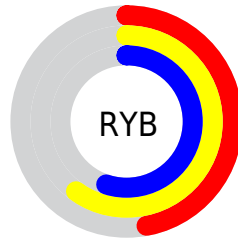
The Yxy color $29.5114, 0.3249, 0.3879$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $21.0196, 0.2978, 0.2712$, and the grayscale version is $27.9549, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.6168, 0.3227, 0.3753$, and $12.0275, 0.3286, 0.4112$ is the 20% darker color. If you saturate the color by 10%, you get $28.4787, 0.3297, 0.4169$, and if you desaturate by 10%, it is $30.6668, 0.3196, 0.3606$.

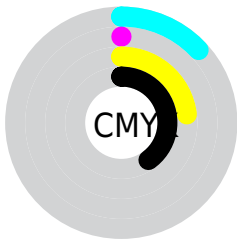
Distribution



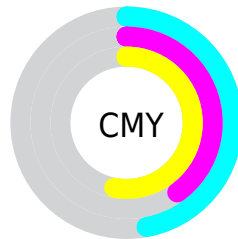
- Red (53%)
- Green (60%)
- Blue (47%)



- Red (47%)
- Yellow (60%)
- Blue (55%)



- Cyan (13%)
- Magenta (0%)
- Yellow (23%)
- Black (40%)





- Cyan (47%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5114, 0.3249, 0.3879 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 29.5114, 0.3249, 0.3879 by changing the saturation by 10% instead.


 29.5114, 0.3249,
0.3879


 29.5114, 0.3249,
0.3879


299.6203, 0.3188,
0.3554

 19.4680, 0.3263,
0.3972


 58.8886, 0.3227,
0.3752

 12.0089, 0.3281,
0.4100


 78.9913, 0.3219,
0.3708

 6.7498, 0.3302,
0.4285


 103.2158, 0.3212,
0.3671

 3.3061, 0.3325,
0.4575

131.9466, 0.3206,
0.3640

 1.2936, 0.3570,
0.5457

165.5680, 0.3201,
0.3613

 0.1362, 0.0000,
1.0000

204.4645, 0.3196,

 0.0000, 0.0000,

0.3591

0.0000

249.0205, 0.3192,
0.3571

■ 29.5114, 0.3249,
0.3879

■ 29.5114, 0.3249,
0.3879

■ 28.4787, 0.3297,
0.4169

■ 30.6668, 0.3196,
0.3606

■ 27.5606, 0.3338,
0.4470

■ 31.9451, 0.3142,
0.3354

■ 26.7536, 0.3368,
0.4770

■ 33.3516, 0.3088,
0.3126

■ 26.0528, 0.3383,
0.5057

■ 34.8899, 0.3035,
0.2920

■ 25.4528, 0.3381,
0.5314

■ 36.5636, 0.2984,
0.2736

■ 24.9473, 0.3359,
0.5527

■ 38.3760, 0.2937,
0.2572

■ 24.5295, 0.3319,
0.5684

■ 40.3306, 0.2892,
0.2427

■ 24.2697, 0.3284,
0.5774

■ 42.4303, 0.2850,
0.2298

■ 44.5088, 0.2830,
0.2206

Harmonies

Analogous

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



29.5114, 0.3568, 0.3888



29.5114, 0.3249, 0.3879



29.5114, 0.2909, 0.3683

Triad

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



29.5114, 0.3249, 0.3879



29.5114, 0.2514, 0.2820



29.5114, 0.3634, 0.3188

Complementary

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



29.5114, 0.3249, 0.3879



21.0196, 0.2978, 0.2712

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.



29.5114, 0.3326, 0.2939



29.5114, 0.3249, 0.3879



29.5114, 0.2684, 0.2728

Square

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



29.5114, 0.3249, 0.3879



29.5114, 0.2497, 0.3048



29.5114, 0.2976, 0.2774



29.5114, 0.3801, 0.3472

Rectangle

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



29.5114, 0.3249, 0.3879



29.5114, 0.2716, 0.3479



29.5114, 0.2976, 0.2774



29.5114, 0.3543, 0.3099

Sweetspot

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



29.5127, 0.3249, 0.3879



56.9753, 0.3166, 0.3463



26.6212, 0.3509, 0.3611



12.8680, 0.3169, 0.3476



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



29.5127, 0.3249, 0.3879



52.6791, 0.3273, 0.4017



28.4233, 0.3078, 0.3864



7.0485, 0.3177, 0.3516



19.7933, 0.3290, 0.5770



0.3168, 0.3631, 0.5499

Inverse Universe

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



21.0196, 0.2978, 0.2712



34.6054, 0.2939, 0.2579



22.3232, 0.3179, 0.2776



6.1917, 0.3073, 0.3066



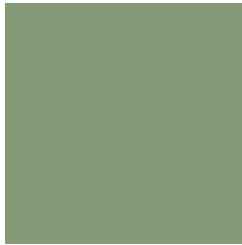
3.6125, 0.2190, 0.0980



0.0754, 0.2634, 0.1224

Previews

White Background



This preview shows how the Yxy color 29.5114, 0.3249, 0.3879 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5114, 0.3249, 0.3879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

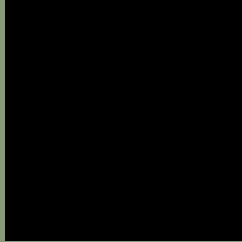
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

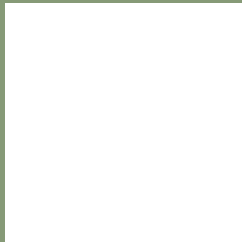
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.5114, 0.3249, 0.3879

Background



This preview shows how black text looks on a background with the Yxy color 29.5114, 0.3249, 0.3879.



This preview shows how white text looks on a background with the Yxy color 29.5114, 0.3249, 0.3879.

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

29.5114, 0.3249, 0.3879

Protanopia

29.2965, 0.3546, 0.3779

Deuteranopia

29.4091, 0.3661, 0.3591



Tritanopia

29.2933, 0.2937, 0.3100

Trichromacy



Original Color

29.5114, 0.3249, 0.3879

Protanomaly

29.4866, 0.3438, 0.3823

Deuteranomaly

29.2073, 0.3510, 0.3683

Tritanomaly

29.2603, 0.3053, 0.3371

Monochromacy



Original Color

29.5114, 0.3249, 0.3879

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.5045, 0.3169, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5114, 0.3249, 0.3879 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(134, 154, 119)` looks like.

```
.text, #text, p{  
    color:rgb(134, 154, 119)  
}
```

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(134, 154, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 154, 119) }
```

Border

The CSS property to change the border of an element to Yxy 29.5114, 0.3249, 0.3879 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(134, 154, 119) }
```

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

```
.border{ border-color:rgb(134, 154, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 154, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 154, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 154, 119); box-shadow:4px 4px 4px 4px rgb(134, 154, 119) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5114, 0.3249, 0.3879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 154, 119) }
```

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

```
.background{ background-color: rgb(134,  
154, 119) }
```

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