

Converting Colors

$Yxy(26.3424, 0.3397, 0.4061)$

Have a look what the booklet for
Yxy(26.3424, 0.3397, 0.4061)
contains.

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Color

Yxy(26.3424, 0.3397, 0.4061)

Conversions

Conversions Part 1

Format	Color
Hex	839266
RGB	131, 146, 102
RGB Percent	51%, 57%, 40%
CMY	0.4863, 0.4274, 0.6001
CMYK	0.10, 0.00, 0.30, 0.43
HSL	80°, 18%, 49%
HSV	80°, 30%, 57%
XYZ	22.0352, 26.3424, 16.4891
YIQ	136.4990, 5.1840, -16.8640

Conversions

Conversions Part 2

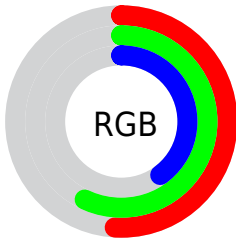
Format	Color
RYB	102, 146, 117
Decimal	8622694
CIELab	58.36, -13.36, 21.60
CIElCh	58, 25.401, 121.736
Yxy	26.3424, 0.3397, 0.4061
Android (android.graphics.Color)	4286812774 (0xFF839266)
YUV	136.4990, -17.0080, -4.8226
Hunter-Lab	51.3248, -13.1833, 16.8793

Details

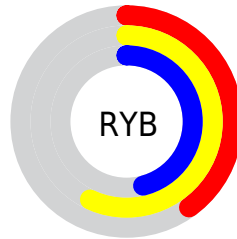
The Yxy color $26.3424, 0.3397, 0.4061$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.3574, 0.2792, 0.2482$, and the grayscale version is $24.8807, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.7988, 0.3344, 0.3897$, and $10.2096, 0.3473, 0.4337$ is the 20% darker color. If you saturate the color by 10%, you get $25.6908, 0.3478, 0.4334$, and if you desaturate by 10%, it is $27.0665, 0.3309, 0.3793$.

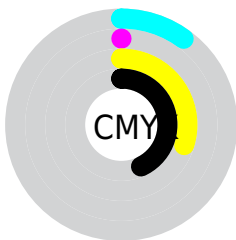
Distribution



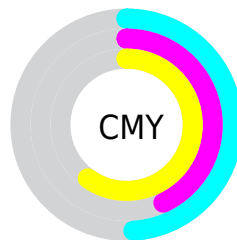
- Red (51%)
- Green (57%)
- Blue (40%)



- Red (40%)
- Yellow (57%)
- Blue (46%)



- Cyan (10%)
- Magenta (0%)
- Yellow (30%)
- Black (43%)





- Cyan (49%)
- Magenta (43%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3424, 0.3397, 0.4061 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 26.3424, 0.3397, 0.4061 by changing the saturation by 10% instead.


 26.3424, 0.3397,
0.4061


 26.3424, 0.3397,
0.4061


284.4589, 0.3257,
0.3628


 17.0800, 0.3432,
0.4187


 53.8268, 0.3346,
0.3891

 10.2915, 0.3476,
0.4361


 72.8176, 0.3327,
0.3831

 5.5927, 0.3529,
0.4615

 95.8199, 0.3310,
0.3782

 2.5990, 0.3604,
0.5035

 123.2182, 0.3297,
0.3741

 0.9262, 0.3741,
0.6259

155.3968, 0.3285,
0.3707

 0.0000, 0.0000,
0.0000

192.7402, 0.3274,

0.3677

235.6328, 0.3265,
0.3651

■ 26.3424, 0.3397,
0.4061

■ 26.3424, 0.3397,
0.4061

■ 25.6908, 0.3478,
0.4334

■ 27.0665, 0.3309,
0.3793

■ 25.1052, 0.3549,
0.4601

■ 27.8623, 0.3219,
0.3535

■ 24.5836, 0.3604,
0.4854


■ 28.7336, 0.3129,
0.3294

■ 24.1225, 0.3640,
0.5078


■ 29.6828, 0.3041,
0.3069

■ 23.7180, 0.3653,
0.5265

■ 30.7123, 0.2957,
0.2864


 23.3655, 0.3642,
0.5407

 31.8241, 0.2878,
0.2678

 23.0576, 0.3615,
0.5511

 33.0204, 0.2804,
0.2509

 34.3034, 0.2735,
0.2358

 35.6748, 0.2672,
0.2221

Harmonies

Analogous

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



26.3424, 0.3767, 0.3992



26.3424, 0.3397, 0.4061



26.3424, 0.2971, 0.3883

Triad

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



26.3424, 0.3397, 0.4061



26.3424, 0.2346, 0.2769



26.3424, 0.3660, 0.3064

Complementary

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



26.3424, 0.3397, 0.4061



15.3574, 0.2792, 0.2482

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.



26.3424, 0.3243, 0.2787



26.3424, 0.3397, 0.4061



26.3424, 0.2500, 0.2611

Square

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



26.3424, 0.3397, 0.4061



26.3424, 0.2382, 0.3089



26.3424, 0.2819, 0.2624



26.3424, 0.3934, 0.3403

Rectangle

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



26.3424, 0.3397, 0.4061



26.3424, 0.2713, 0.3647



26.3424, 0.2819, 0.2624



26.3424, 0.3530, 0.2962

Sweetspot

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



26.3436, 0.3397, 0.4061



49.2897, 0.3210, 0.3511



19.7139, 0.3702, 0.3547



10.9219, 0.3222, 0.3544



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



26.3436, 0.3397, 0.4061



45.6967, 0.3452, 0.4240



24.7908, 0.3162, 0.4121



6.6466, 0.3210, 0.3512



20.3011, 0.3618, 0.5509



0.2648, 0.3893, 0.5291

Inverse Universe

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



15.3574, 0.2792, 0.2482



23.2037, 0.2700, 0.2282



17.0359, 0.3066, 0.2544



5.7234, 0.3039, 0.3065



2.4301, 0.1778, 0.0753



0.0448, 0.2257, 0.1017

Previews

White Background



This preview shows how the Yxy color 26.3424, 0.3397, 0.4061 looks on a white background.

Color Contrast Check

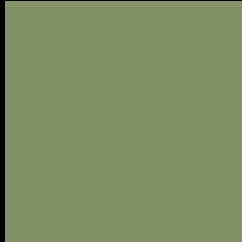
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3424, 0.3397, 0.4061 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 26.3424, 0.3397, 0.4061

Background



This preview shows how black text looks on a background with the Yxy color 26.3424, 0.3397, 0.4061.



This preview shows how white text looks on a background with the Yxy color 26.3424, 0.3397, 0.4061.

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

26.3424, 0.3397, 0.4061

Protanopia

26.2363, 0.3684, 0.3962

Deuteranopia

26.0490, 0.3829, 0.3758



Tritanopia

26.3938, 0.2998, 0.3110

Trichromacy



Original Color

26.3424, 0.3397, 0.4061

Protanomaly

26.1954, 0.3581, 0.3997

Deuteranomaly

25.9285, 0.3675, 0.3862

Tritanomaly

26.1904, 0.3141, 0.3443

Monochromacy



Original Color

26.3424, 0.3397, 0.4061

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.2797, 0.3224, 0.3567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3424, 0.3397, 0.4061 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(131, 146, 102)` looks like.

```
.text, #text, p{  
    color:rgb(131, 146, 102)  
}
```

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(131, 146, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 146, 102) }
```

Border

The CSS property to change the border of an element to Yxy 26.3424, 0.3397, 0.4061 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(131, 146, 102) }
```

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

```
.border{ border-color:rgb(131, 146, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 146, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 146, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 146, 102);  
box-shadow:4px 4px 4px 4px rgb(131, 146,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3424, 0.3397, 0.4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 146, 102) }
```

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

```
.background{ background-color: rgb(131,  
146, 102) }
```

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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