

Converting Colors

$Y_{xy}(26.1212, 0.3484, 0.3973)$

Have a look what the booklet for
Yxy(26.1212, 0.3484, 0.3973)
contains.

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Color

Yxy(26.1132, 0.3489, 0.3975)

Conversions

Conversions Part 1

Format	Color
Hex	8B8F67
RGB	139, 143, 103
RGB Percent	55%, 56%, 40%
CMY	0.4548, 0.4392, 0.5961
CMYK	0.03, 0.00, 0.28, 0.44
HSL	66°, 16%, 48%
HSV	66°, 28%, 56%
XYZ	22.9205, 26.1132, 16.6599
YIQ	137.2440, 10.4560, -13.2880

Conversions

Conversions Part 2

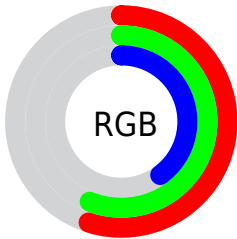
Format	Color
R_{YB}	103, 143, 107
Decimal	9146215
CIE Lab	58.14, -8.37, 20.86
CIE LCh	58, 22.480, 111.858
Yxy	26.1132, 0.3489, 0.3975
Android (android.graphics.Color)	4287336295 (0xFF8B8F67)
YUV	137.2440, -16.8823, 1.5400
Hunter-Lab	51.1011, -9.3638, 16.4411

Details

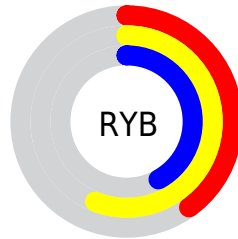
The Yxy color $26.1132, 0.3489, 0.3975$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $14.8038, 0.2704, 0.2523$, and the grayscale version is $25.1769, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.6031, 0.3419, 0.3834$, and $10.1889, 0.3591, 0.4229$ is the 20% darker color. If you saturate the color by 10%, you get $25.7299, 0.3614, 0.4222$, and if you desaturate by 10%, it is $26.5495, 0.3359, 0.3725$.

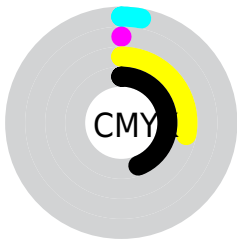
Distribution



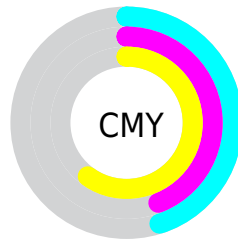
- Red (55%)
- Green (56%)
- Blue (40%)



- Red (40%)
- Yellow (56%)
- Blue (42%)



- Cyan (3%)
- Magenta (0%)
- Yellow (28%)
- Black (44%)





- Cyan (45%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1132, 0.3489, 0.3975 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 26.1132, 0.3489, 0.3975 by changing the saturation by 10% instead.


 26.1132, 0.3489,
0.3975


 26.1132, 0.3489,
0.3975


283.3373, 0.3296,
0.3594


 16.9083, 0.3540,
0.4084


 53.4575, 0.3416,
0.3826

 10.1692, 0.3607,
0.4234


 72.3658, 0.3390,
0.3774

 5.5113, 0.3696,
0.4451

 95.2772, 0.3368,
0.3730

 2.5502, 0.3828,
0.4801

 122.5764, 0.3349,
0.3694

 0.9017, 0.4199,
0.5801

154.6476, 0.3333,
0.3663

 0.0000, 0.0000,
0.0000

191.8752, 0.3319,

0.3637

234.6436, 0.3307,
0.3614

■ 26.1132, 0.3489,
0.3975

■ 26.1132, 0.3489,
0.3975

■ 25.7299, 0.3614,
0.4222

■ 26.5495, 0.3359,
0.3725

■ 25.3937, 0.3730,
0.4457

■ 27.0377, 0.3229,
0.3479

■ 25.1029, 0.3832,
0.4671

■ 27.5811, 0.3102,
0.3243

■ 24.8546, 0.3914,
0.4855

■ 28.1817, 0.2980,
0.3020

■ 24.6453, 0.3973,
0.5001

■ 28.8416, 0.2866,
0.2813

■ 24.4712, 0.4008,
0.5106

■ 29.5625, 0.2759,
0.2622

■ 24.3244, 0.4021,
0.5174

■ 30.3463, 0.2661,
0.2447

■ 24.2957, 0.4024,
0.5187

■ 31.1945, 0.2571,
0.2288

■ 32.1090, 0.2489,
0.2145

Harmonies

Analogous

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



26.1132, 0.3777, 0.3857



26.1132, 0.3489, 0.3975



26.1132, 0.3115, 0.3887

Triad

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



26.1132, 0.3489, 0.3975



26.1132, 0.2420, 0.2909



26.1132, 0.3487, 0.2998

Complementary

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



26.1132, 0.3489, 0.3975



14.8038, 0.2704, 0.2523

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.



26.1132, 0.3103, 0.2777



26.1132, 0.3489, 0.3975



26.1132, 0.2503, 0.2714

Square

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



26.1132, 0.3489, 0.3975



26.1132, 0.2509, 0.3233



26.1132, 0.2746, 0.2673



26.1132, 0.3783, 0.3292

Rectangle

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



26.1132, 0.3489, 0.3975



26.1132, 0.2869, 0.3715



26.1132, 0.2746, 0.2673



26.1132, 0.3363, 0.2914

Sweetspot

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



26.1144, 0.3489, 0.3975



48.4046, 0.3231, 0.3484



17.1924, 0.3696, 0.3351



11.0711, 0.3249, 0.3518



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.



26.1144, 0.3489, 0.3975



46.2947, 0.3574, 0.4142



24.5918, 0.3269, 0.4026



6.2586, 0.3244, 0.3508



21.4877, 0.4024, 0.5187



0.2105, 0.4114, 0.5116

Inverse Universe

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



14.8038, 0.2704, 0.2523



22.3609, 0.2582, 0.2307



16.1410, 0.2943, 0.2573



5.2790, 0.3004, 0.3064



1.8423, 0.1545, 0.0625



0.0217, 0.1748, 0.0736

Previews

White Background



This preview shows how the Yxy color 26.1132, 0.3489, 0.3975 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 26.1132, 0.3489, 0.3975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

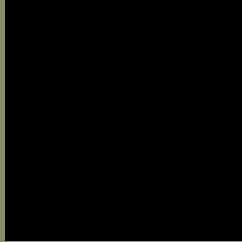
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

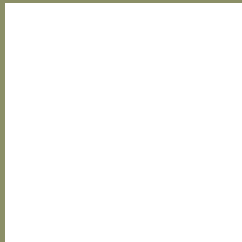
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.1132, 0.3489, 0.3975

Background



This preview shows how black text looks on a background with the Yxy color 26.1132, 0.3489, 0.3975.



This preview shows how white text looks on a background with the Yxy color 26.1132, 0.3489, 0.3975.

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

26.1132, 0.3489, 0.3975

Protanopia

26.1798, 0.3651, 0.3933

Deuteranopia

26.0694, 0.3818, 0.3743



Tritanopia

26.0492, 0.3103, 0.3112

Trichromacy



Original Color

26.1132, 0.3489, 0.3975

Protanomaly

26.1201, 0.3589, 0.3942

Deuteranomaly

25.9587, 0.3705, 0.3823

Tritanomaly

25.9708, 0.3243, 0.3407

Monochromacy



Original Color

26.1132, 0.3489, 0.3975

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.3492, 0.3260, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1132, 0.3489, 0.3975 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(139, 143, 103)` looks like.

```
.text, #text, p{  
    color:rgb(139, 143, 103)  
}
```

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(139, 143, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 143, 103) }
```

Border

The CSS property to change the border of an element to Yxy 26.1132, 0.3489, 0.3975 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(139, 143, 103) }
```

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

```
.border{ border-color:rgb(139, 143, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 143, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 143, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 143, 103);  
box-shadow:4px 4px 4px 4px rgb(139, 143,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1132, 0.3489, 0.3975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 143, 103) }
```

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

```
.background{ background-color: rgb(139,  
143, 103) }
```

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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