

Converting Colors

$Yxy(26.3071, 0.3435, 0.3991)$

Have a look what the booklet for
Yxy(26.3071, 0.3435, 0.3991)
contains.

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Color

Yxy(26.4845, 0.3437, 0.3996)

Conversions

Conversions Part 1

Format	Color
Hex	889168
RGB	136, 145, 104
RGB Percent	53%, 57%, 41%
CMY	0.4666, 0.4314, 0.5921
CMYK	0.06, 0.00, 0.28, 0.43
HSL	73°, 16%, 49%
HSV	73°, 28%, 57%
XYZ	22.7796, 26.4845, 17.0134
YIQ	137.6350, 7.7970, -14.6590

Conversions

Conversions Part 2

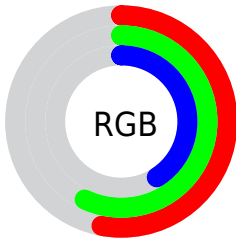
Format	Color
RYB	104, 145, 113
Decimal	8950120
CIELab	58.49, -10.52, 20.72
CIELCh	58, 23.232, 116.914
Yxy	26.4845, 0.3437, 0.3996
Android (android.graphics.Color)	4287140200 (0xFF889168)
YUV	137.6350, -16.5821, -1.4339
Hunter-Lab	51.4631, -11.0493, 16.4232

Details

The Yxy color $26.4845, 0.3437, 0.3996$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.4606, 0.2756, 0.2526$, and the grayscale version is $25.3332, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.1606, 0.3381, 0.3850$, and $10.4484, 0.3543, 0.4283$ is the 20% darker color. If you saturate the color by 10%, you get $25.9534, 0.3541, 0.4256$, and if you desaturate by 10%, it is $27.0765, 0.3328, 0.3738$.

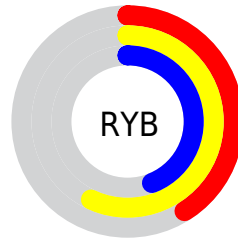
Distribution



Red (53%)

Green (57%)

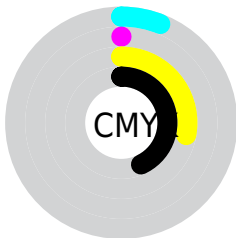
Blue (41%)



Red (41%)

Yellow (57%)

Blue (44%)

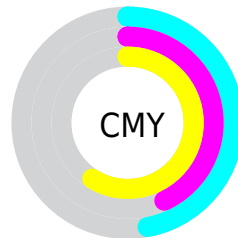


Cyan (6%)

Magenta (0%)

Yellow (28%)

Black (43%)



Cyan (47%)


Magenta (43%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4845, 0.3437, 0.3996 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 26.4845, 0.3437, 0.3996 by changing the saturation by 10% instead.

 26.4845, 0.3437,
0.3996


 26.4845, 0.3437,
0.3996


285.1524, 0.3274,
0.3602


 17.1864, 0.3479,
0.4110


 54.0555, 0.3376,
0.3842

 10.3675, 0.3534,
0.4266


 73.0973, 0.3354,
0.3788

 5.6433, 0.3605,
0.4492

 96.1558, 0.3335,
0.3743

 2.6294, 0.3703,
0.4855

 123.6154, 0.3319,
0.3705

 0.9415, 0.4036,
0.5964

155.8604, 0.3305,
0.3674

 0.0000, 0.0000,
0.0000

193.2753, 0.3293,

0.3647

236.2445, 0.3283,
0.3623

■ 26.4845, 0.3437,
0.3996

■ 26.4845, 0.3437,
0.3996

■ 25.9534, 0.3541,
0.4256

■ 27.0765, 0.3328,
0.3738

■ 25.4771, 0.3636,
0.4508

■ 27.7284, 0.3217,
0.3487

■ 25.0538, 0.3715,
0.4742

■ 28.4436, 0.3108,
0.3250

■ 24.6804, 0.3776,
0.4949

■ 29.2244, 0.3004,
0.3028

■ 24.3532, 0.3813,
0.5119

■ 30.0728, 0.2905,
0.2823

■ 24.0681, 0.3826,
0.5247

■ 30.9909, 0.2812,
0.2635

■ 23.8167, 0.3819,
0.5336

■ 31.9804, 0.2726,
0.2465

■ 23.7743, 0.3817,
0.5351

■ 33.0433, 0.2646,
0.2311

■ 34.1812, 0.2573,
0.2172

Harmonies

Analogous

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



26.4845, 0.3755, 0.3905



26.4845, 0.3437, 0.3996



26.4845, 0.3048, 0.3869

Triad

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



26.4845, 0.3437, 0.3996



26.4845, 0.2403, 0.2853



26.4845, 0.3559, 0.3037

Complementary

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



26.4845, 0.3437, 0.3996



15.4606, 0.2756, 0.2526

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.



26.4845, 0.3169, 0.2795



26.4845, 0.3437, 0.3996



26.4845, 0.2518, 0.2680

Square

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



26.4845, 0.3437, 0.3996



26.4845, 0.2465, 0.3168



26.4845, 0.2790, 0.2665



26.4845, 0.3836, 0.3345

Rectangle

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



26.4845, 0.3437, 0.3996



26.4845, 0.2803, 0.3671



26.4845, 0.2790, 0.2665



26.4845, 0.3435, 0.2946

Sweetspot

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



26.4857, 0.3437, 0.3996



49.6696, 0.3216, 0.3485



18.8075, 0.3679, 0.3448



11.0121, 0.3231, 0.3519



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.



26.4857, 0.3437, 0.3996



46.8062, 0.3505, 0.4164



24.9383, 0.3211, 0.4049



6.2266, 0.3227, 0.3510



20.4039, 0.3820, 0.5349



0.2046, 0.4009, 0.5199

Inverse Universe

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



15.4606, 0.2756, 0.2526



23.6684, 0.2653, 0.2325



16.9675, 0.3009, 0.2579



5.3085, 0.3022, 0.3065



2.0242, 0.1634, 0.0674



0.0276, 0.2015, 0.0884

Previews

White Background



This preview shows how the Yxy color 26.4845, 0.3437, 0.3996 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 26.4845, 0.3437, 0.3996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

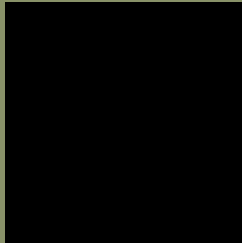
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4845, 0.3437, 0.3996

Background



This preview shows how black text looks on a background with the Yxy color 26.4845, 0.3437, 0.3996.



This preview shows how white text looks on a background with the Yxy color 26.4845, 0.3437, 0.3996.

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

26.4845, 0.3437, 0.3996

Protanopia

26.2948, 0.3652, 0.3914

Deuteranopia

26.3679, 0.3801, 0.3742



Tritanopia

26.4180, 0.3050, 0.3112

Trichromacy



Original Color

26.4845, 0.3437, 0.3996

Protanomaly

26.4363, 0.3574, 0.3941

Deuteranomaly

26.3552, 0.3661, 0.3842

Tritanomaly

26.3187, 0.3197, 0.3424

Monochromacy



Original Color

26.4845, 0.3437, 0.3996

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.8745, 0.3235, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4845, 0.3437, 0.3996 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(136, 145, 104)` looks like.

```
.text, #text, p{  
    color:rgb(136, 145, 104)  
}
```

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(136, 145, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 145, 104) }
```

Border

The CSS property to change the border of an element to Yxy 26.4845, 0.3437, 0.3996 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(136, 145, 104) }
```

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

```
.border{ border-color:rgb(136, 145, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 145, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 145, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 145, 104);  
box-shadow:4px 4px 4px 4px rgb(136, 145,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4845, 0.3437, 0.3996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 145, 104) }
```

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

```
.background{ background-color: rgb(136,  
145, 104) }
```

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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