

Converting Colors

$Y_{xy}(26.7696, 0.3642, 0.3963)$

Have a look what the booklet for
Yxy(26.7696, 0.3642, 0.3963)
contains.

Yxy(26.7696, 0.3642, 0.3963)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.7696, 0.3642, 0.3963)

Conversions

Conversions Part 1

Format	Color
Hex	968E65
RGB	150, 142, 101
RGB Percent	59%, 56%, 40%
CMY	0.4117, 0.4431, 0.6040
CMYK	0.00, 0.05, 0.33, 0.41
HSL	50°, 20%, 49%
HSV	50°, 33%, 59%
XYZ	24.6013, 26.7696, 16.1779
YIQ	139.7180, 17.9290, -11.0550

Conversions

Conversions Part 2

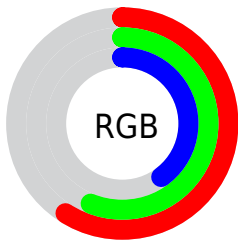
Format	Color
R_{YB}	111, 150, 101
Decimal	9866853
CIE _{Lab}	58.76, -3.60, 22.97
CIE _{LCh}	59, 23.248, 98.899
Yxy	26.7696, 0.3642, 0.3963
Android (android.graphics.Color)	4288056933 (0xFF968E65)
YUV	139.7180, -19.0880, 9.0173
Hunter-Lab	51.7393, -5.6698, 17.6786

Details

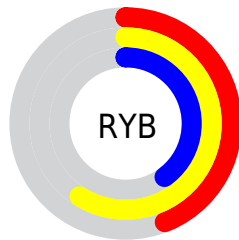
The Yxy color $26.7696, 0.3642, 0.3963$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.9060, 0.2581, 0.2512$, and the grayscale version is $26.1814, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.7260, 0.3540, 0.3829$, and $10.5173, 0.3802, 0.4196$ is the 20% darker color. If you saturate the color by 10%, you get $25.7812, 0.3809, 0.4166$, and if you desaturate by 10%, it is $27.8302, 0.3477, 0.3754$.

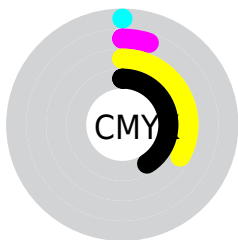
Distribution



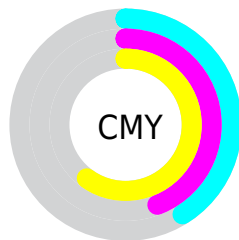
- Red (59%)
- Green (56%)
- Blue (40%)



- Red (44%)
- Yellow (59%)
- Blue (40%)



- Cyan (0%)
- Magenta (5%)
- Yellow (33%)
- Black (41%)





- Cyan (41%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7696, 0.3642, 0.3963 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 26.7696, 0.3642, 0.3963 by changing the saturation by 10% instead.


 26.7696, 0.3642,
0.3963

 26.7696, 0.3642,
0.3963


286.5398, 0.3365,
0.3595


 17.4003, 0.3716,
0.4065


 54.5139, 0.3537,
0.3822


 10.5203, 0.3815,
0.4203


 73.6577, 0.3499,
0.3771

 5.7453, 0.3948,
0.4394

 96.8284, 0.3467,
0.3729

 2.6908, 0.4154,
0.4701

 124.4105, 0.3441,
0.3693

 0.9725, 0.4617,
0.5383

156.7882, 0.3418,
0.3663

 0.0000, 0.0000,
0.0000

194.3461, 0.3398,

0.3637

237.4685, 0.3381,
0.3615

■ 26.7696, 0.3642,
0.3963

■ 26.7696, 0.3642,
0.3963

■ 25.7812, 0.3809,
0.4166

■ 27.8302, 0.3477,
0.3754

■ 24.8583, 0.3972,
0.4354

■ 28.9621, 0.3317,
0.3545

■ 23.9988, 0.4124,
0.4518


■ 30.1692, 0.3166,
0.3343

■ 23.1991, 0.4259,
0.4648


■ 31.4539, 0.3025,
0.3150


■ 22.4549, 0.4371,
0.4739


■ 32.8186, 0.2896,
0.2969


 21.7614, 0.4457,
0.4785

 34.2654, 0.2778,
0.2800

 21.2766, 0.4509,
0.4802

 35.7966, 0.2671,
0.2645

 37.4142, 0.2574,
0.2503

 39.1200, 0.2487,
0.2373

Harmonies

Analogous

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



26.7696, 0.3869, 0.3769



26.7696, 0.3642, 0.3963



26.7696, 0.3284, 0.3970

Triad

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



26.7696, 0.3642, 0.3963



26.7696, 0.2421, 0.3029



26.7696, 0.3330, 0.2881

Complementary

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



26.7696, 0.3642, 0.3963



15.9060, 0.2581, 0.2512

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.



26.7696, 0.2934, 0.2703



26.7696, 0.3642, 0.3963



26.7696, 0.2430, 0.2767

Square

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



26.7696, 0.3642, 0.3963



26.7696, 0.2586, 0.3397



26.7696, 0.2611, 0.2657



26.7696, 0.3688, 0.3156

Rectangle

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



26.7696, 0.3642, 0.3963



26.7696, 0.3023, 0.3851



26.7696, 0.2611, 0.2657



26.7696, 0.3196, 0.2809

Sweetspot

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



26.7708, 0.3642, 0.3963



51.6162, 0.3279, 0.3494



16.8975, 0.3730, 0.3151



11.3803, 0.3298, 0.3520



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.7708, 0.3642, 0.3963



45.9836, 0.3760, 0.4108



27.7989, 0.3423, 0.4131



6.5849, 0.3263, 0.3474



17.6813, 0.4506, 0.4804



0.2510, 0.4335, 0.4940

Inverse Universe

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



15.9060, 0.2581, 0.2512



23.8720, 0.2446, 0.2310



15.3116, 0.2752, 0.2402



5.7771, 0.2989, 0.3099



2.4200, 0.1547, 0.0770



0.0586, 0.1709, 0.1353

Previews

White Background



This preview shows how the Yxy color 26.7696, 0.3642, 0.3963 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 26.7696, 0.3642, 0.3963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

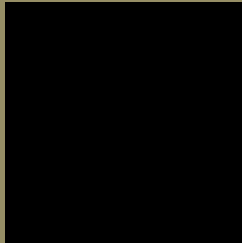
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7696, 0.3642, 0.3963

Background



This preview shows how black text looks on a background with the Yxy color 26.7696, 0.3642, 0.3963.



This preview shows how white text looks on a background with the Yxy color 26.7696, 0.3642, 0.3963.

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

26.7696, 0.3642, 0.3963

Protanopia

26.6647, 0.3670, 0.3942

Deuteranopia

26.6121, 0.3882, 0.3797



Tritanopia

26.6835, 0.3224, 0.3118

Trichromacy



Original Color

26.7696, 0.3642, 0.3963

Protanomaly

26.5686, 0.3658, 0.3945

Deuteranomaly

26.7133, 0.3781, 0.3858

Tritanomaly

26.5610, 0.3380, 0.3419

Monochromacy



Original Color

26.7696, 0.3642, 0.3963

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.4854, 0.3314, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7696, 0.3642, 0.3963 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(150, 142, 101)` looks like.

```
.text, #text, p{  
    color:rgb(150, 142, 101)  
}
```

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(150, 142, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 142, 101) }
```

Border

The CSS property to change the border of an element to Yxy 26.7696, 0.3642, 0.3963 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(150, 142, 101) }
```

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

```
.border{ border-color:rgb(150, 142, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 142, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 142, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 142, 101);  
box-shadow:4px 4px 4px 4px rgb(150, 142,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7696, 0.3642, 0.3963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 142, 101) }
```

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

```
.background{ background-color: rgb(150,  
142, 101) }
```

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