

Converting Colors

$Y_{xy}(26.7968, 0.3343, 0.3670)$

Have a look what the booklet for
Yxy(26.7968, 0.3343, 0.3670)
contains.

Yxy(26.7518, 0.3349, 0.3676)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.7518, 0.3349, 0.3676)

Conversions

Conversions Part 1

Format	Color
Hex	8E8F78
RGB	142, 143, 120
RGB Percent	56%, 56%, 47%
CMY	0.4430, 0.4392, 0.5294
CMYK	0.01, 0.00, 0.16, 0.44
HSL	63°, 9%, 52%
HSV	63°, 16%, 56%
XYZ	24.3721, 26.7518, 21.6503
YIQ	140.0790, 6.7870, -7.3650

Conversions

Conversions Part 2

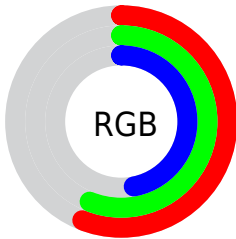
Format	Color
R_{YB}	120, 143, 121
Decimal	9342840
CIE _{Lab}	58.74, -4.52, 12.13
CIE _{LCh}	59, 12.948, 110.420
Yxy	26.7518, 0.3349, 0.3676
Android (android.graphics.Color)	4287532920 (0xFF8E8F78)
YUV	140.0790, -9.8989, 1.6847
Hunter-Lab	51.7221, -6.4024, 11.3873

Details

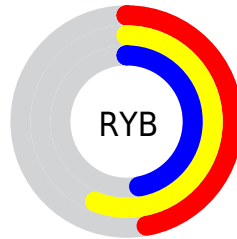
The Yxy color **26.7518, 0.3349, 0.3676** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.4806, 0.2886, 0.2875**, and the grayscale version is **26.2973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6468, 0.3306, 0.3601**, and **10.5589, 0.3439, 0.3836** is the 20% darker color. If you saturate the color by 10%, you get **26.3784, 0.3489, 0.3922**, and if you desaturate by 10%, it is **27.1797, 0.3210, 0.3433**.

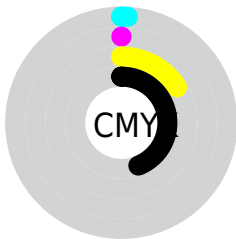
Distribution



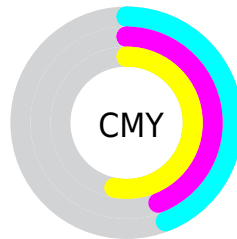
- Red (56%)
- Green (56%)
- Blue (47%)



- Red (47%)
- Yellow (56%)
- Blue (47%)



- Cyan (1%)
- Magenta (0%)
- Yellow (16%)
- Black (44%)





- Cyan (44%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7518, 0.3349, 0.3676 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 26.7518, 0.3349, 0.3676 by changing the saturation by 10% instead.


 26.7518, 0.3349,
0.3676


 26.7518, 0.3349,
0.3676


286.4534, 0.3229,
0.3463


 17.3869, 0.3382,
0.3737


 54.4853, 0.3303,
0.3593

 10.5107, 0.3427,
0.3820


 73.6228, 0.3287,
0.3564

 5.7389, 0.3490,
0.3942

 96.7865, 0.3273,
0.3540

 2.6870, 0.3584,
0.4134

124.3609, 0.3261,
0.3519

 0.9706, 0.4077,
0.4887

156.7304, 0.3252,
0.3502

 0.0000, 0.0000,
0.0000

194.2794, 0.3243,

0.3487

237.3922, 0.3236,
0.3474

■ 26.7518, 0.3349,
0.3676

■ 26.7518, 0.3349,
0.3676

■ 26.3784, 0.3489,
0.3922

■ 27.1797, 0.3210,
0.3433

■ 26.0536, 0.3626,
0.4165

■ 27.6608, 0.3075,
0.3200

■ 25.7762, 0.3754,
0.4395

■ 28.1982, 0.2947,
0.2978

■ 25.5435, 0.3869,
0.4604

■ 28.7938, 0.2826,
0.2772

■ 25.3526, 0.3965,
0.4783

■ 29.4495, 0.2715,
0.2582

■ 25.2002, 0.4039,
0.4925

■ 30.1670, 0.2613,
0.2408

■ 25.0825, 0.4088,
0.5026

■ 30.9480, 0.2519,
0.2250

■ 24.9936, 0.4114,
0.5088

■ 31.7941, 0.2435,
0.2107

■ 24.9614, 0.4122,
0.5109

■ 32.7069, 0.2358,
0.1978

Harmonies

Analogous

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



26.7518, 0.3506, 0.3615



26.7518, 0.3349, 0.3676



26.7518, 0.3136, 0.3626

Triad

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



26.7518, 0.3349, 0.3676



26.7518, 0.2713, 0.3085



26.7518, 0.3325, 0.3113

Complementary

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



26.7518, 0.3349, 0.3676



19.4806, 0.2886, 0.2875

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.



26.7518, 0.3106, 0.2982



26.7518, 0.3349, 0.3676



26.7518, 0.2758, 0.2961

Square

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



26.7518, 0.3349, 0.3676



26.7518, 0.2773, 0.3274



26.7518, 0.2900, 0.2926



26.7518, 0.3493, 0.3289

Rectangle

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



26.7518, 0.3349, 0.3676



26.7518, 0.2992, 0.3535



26.7518, 0.2900, 0.2926



26.7518, 0.3254, 0.3063

Sweetspot

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



26.7530, 0.3349, 0.3676



48.7581, 0.3196, 0.3410



20.8152, 0.3417, 0.3304



11.1695, 0.3205, 0.3425



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.



26.7530, 0.3349, 0.3676



47.6812, 0.3396, 0.3758



25.8036, 0.3223, 0.3692



6.2741, 0.3253, 0.3508



22.0748, 0.4122, 0.5109



0.2134, 0.4160, 0.5079

Inverse Universe

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



19.4806, 0.2886, 0.2875



32.3155, 0.2830, 0.2779



20.3448, 0.3017, 0.2891



5.2651, 0.2996, 0.3063



1.7901, 0.1519, 0.0610



0.0188, 0.1608, 0.0659

Previews

White Background



This preview shows how the Yxy color 26.7518, 0.3349, 0.3676 looks on a white background.

Color Contrast Check

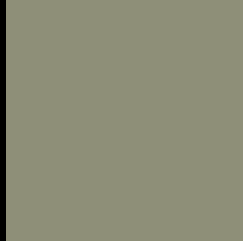
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7518, 0.3349, 0.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

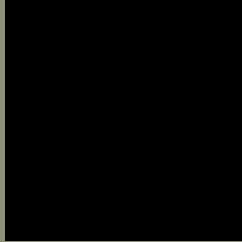
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

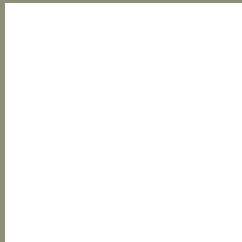
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.7518, 0.3349, 0.3676

Background



This preview shows how black text looks on a background with the Yxy color 26.7518, 0.3349, 0.3676.



This preview shows how white text looks on a background with the Yxy color 26.7518, 0.3349, 0.3676.

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

26.7518, 0.3349, 0.3676

Protanopia

26.7712, 0.3444, 0.3652

Deuteranopia

26.6702, 0.3591, 0.3526



Tritanopia

26.7782, 0.3092, 0.3114

Trichromacy



Original Color

26.7518, 0.3349, 0.3676

Protanomaly

26.7889, 0.3407, 0.3672

Deuteranomaly

26.8143, 0.3498, 0.3580

Tritanomaly

26.6400, 0.3192, 0.3307

Monochromacy



Original Color

26.7518, 0.3349, 0.3676

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.4059, 0.3208, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7518, 0.3349, 0.3676 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(142, 143, 120)` looks like.

```
.text, #text, p{  
    color:rgb(142, 143, 120)  
}
```

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(142, 143, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 143, 120) }
```

Border

The CSS property to change the border of an element to Yxy 26.7518, 0.3349, 0.3676 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(142, 143, 120) }
```

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

```
.border{ border-color:rgb(142, 143, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 143, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 143, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 143, 120);  
box-shadow:4px 4px 4px 4px rgb(142, 143,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7518, 0.3349, 0.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 143, 120) }
```

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

```
.background{ background-color: rgb(142,  
143, 120) }
```

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