

Converting Colors

$Y_{xy}(26.3776, 0.3331, 0.3730)$

Have a look what the booklet for
Yxy(26.3776, 0.3331, 0.3730)
contains.

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Color

Yxy(26.3325, 0.3334, 0.3734)

Conversions

Conversions Part 1

Format	Color
Hex	8A8F75
RGB	138, 143, 117
RGB Percent	54%, 56%, 46%
CMY	0.4589, 0.4392, 0.5411
CMYK	0.04, 0.00, 0.18, 0.44
HSL	72°, 10%, 51%
HSV	72°, 18%, 56%
XYZ	23.5117, 26.3325, 20.6767
YIQ	138.5410, 5.3660, -9.1460

Conversions

Conversions Part 2

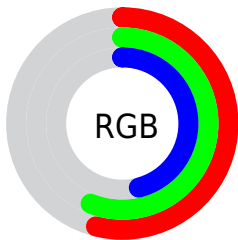
Format	Color
R_{YB}	117, 143, 122
Decimal	9080693
CIE _{Lab}	58.35, -6.61, 13.23
CIE _{LCh}	58, 14.793, 116.535
Yxy	26.3325, 0.3334, 0.3734
Android (android.graphics.Color)	4287270773 (0xFF8A8F75)
YUV	138.5410, -10.6197, -0.4745
Hunter-Lab	51.3152, -8.0162, 12.0306

Details

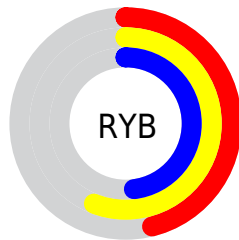
The Yxy color $26.3325, 0.3334, 0.3734$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $18.8504, 0.2897, 0.2821$, and the grayscale version is $25.6725, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.0035, 0.3296, 0.3643$, and $10.3331, 0.3402, 0.3900$ is the 20% darker color. If you saturate the color by 10%, you get $25.7892, 0.3448, 0.3990$, and if you desaturate by 10%, it is $26.9356, 0.3219, 0.3485$.

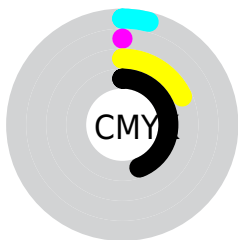
Distribution



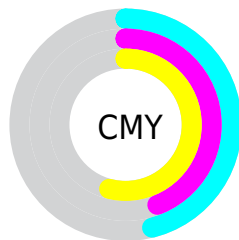
- Red (54%)
- Green (56%)
- Blue (46%)



- Red (46%)
- Yellow (56%)
- Blue (48%)



- Cyan (4%)
- Magenta (0%)
- Yellow (18%)
- Black (44%)





- Cyan (46%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3325, 0.3334, 0.3734 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 26.3325, 0.3334, 0.3734 by changing the saturation by 10% instead.


 26.3325, 0.3334,
0.3734


 26.3325, 0.3334,
0.3734


284.4105, 0.3223,
0.3487


 17.0726, 0.3364,
0.3805


 53.8109, 0.3292,
0.3638

 10.2862, 0.3405,
0.3903


 72.7981, 0.3276,
0.3604

 5.5891, 0.3461,
0.4047

 95.7965, 0.3264,
0.3576

 2.5969, 0.3544,
0.4276

123.1905, 0.3253,
0.3552

 0.9251, 0.4162,
0.5366

155.3645, 0.3244,
0.3532

 0.0000, 0.0000,
0.0000

192.7029, 0.3236,

0.3515

235.5901, 0.3229,
0.3500

■ 26.3325, 0.3334,
0.3734

■ 26.3325, 0.3334,
0.3734

■ 25.7892, 0.3448,
0.3990

■ 26.9356, 0.3219,
0.3485

■ 25.2997, 0.3556,
0.4247

■ 27.5972, 0.3107,
0.3248

■ 24.8628, 0.3655,
0.4495

■ 28.3205, 0.2999,
0.3026

■ 24.4756, 0.3740,
0.4725

■ 29.1076, 0.2896,
0.2821

■ 24.1352, 0.3805,
0.4927

■ 29.9603, 0.2801,
0.2633

■ 23.8380, 0.3847,
0.5093

■ 30.8804, 0.2712,
0.2461

■ 23.5800, 0.3865,
0.5216

■ 31.8697, 0.2630,
0.2306

■ 23.3532, 0.3862,
0.5301

■ 32.9298, 0.2555,
0.2167

■ 23.3131, 0.3861,
0.5316

■ 34.0624, 0.2486,
0.2041

Harmonies

Analogous

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



26.3325, 0.3533, 0.3686



26.3325, 0.3334, 0.3734



26.3325, 0.3085, 0.3651

Triad

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



26.3325, 0.3334, 0.3734



26.3325, 0.2654, 0.3017



26.3325, 0.3400, 0.3125

Complementary

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



26.3325, 0.3334, 0.3734



18.8504, 0.2897, 0.2821

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.



26.3325, 0.3154, 0.2963



26.3325, 0.3334, 0.3734



26.3325, 0.2730, 0.2896

Square

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



26.3325, 0.3334, 0.3734



26.3325, 0.2699, 0.3222



26.3325, 0.2910, 0.2880



26.3325, 0.3575, 0.3331

Rectangle

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



26.3325, 0.3334, 0.3734



26.3325, 0.2925, 0.3532



26.3325, 0.2910, 0.2880



26.3325, 0.3323, 0.3064

Sweetspot

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



26.3337, 0.3334, 0.3734



48.5823, 0.3185, 0.3411



20.9901, 0.3451, 0.3374



11.1242, 0.3192, 0.3426



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.



26.3337, 0.3334, 0.3734



46.7218, 0.3383, 0.3843



25.3112, 0.3193, 0.3754



6.2334, 0.3231, 0.3509



20.6185, 0.3863, 0.5315



0.2059, 0.4032, 0.5180

Inverse Universe

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



18.8504, 0.2897, 0.2821



30.6479, 0.2834, 0.2698



19.8416, 0.3048, 0.2842



5.3022, 0.3018, 0.3065



1.9756, 0.1611, 0.0661



0.0263, 0.1961, 0.0854

Previews

White Background



This preview shows how the Yxy color 26.3325, 0.3334, 0.3734 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 26.3325, 0.3334, 0.3734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

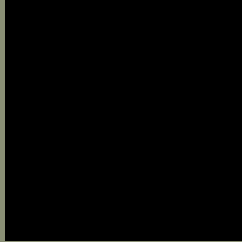
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

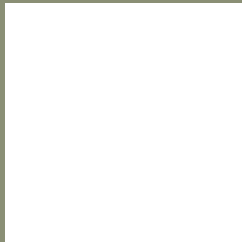
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.3325, 0.3334, 0.3734

Background



This preview shows how black text looks on a background with the Yxy color 26.3325, 0.3334, 0.3734.



This preview shows how white text looks on a background with the Yxy color 26.3325, 0.3334, 0.3734.

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

26.3325, 0.3334, 0.3734

Protanopia

26.2899, 0.3478, 0.3704

Deuteranopia

26.2369, 0.3605, 0.3544



Tritanopia

26.4748, 0.3070, 0.3128

Trichromacy



Original Color

26.3325, 0.3334, 0.3734

Protanomaly

26.2400, 0.3418, 0.3710

Deuteranomaly

26.2573, 0.3511, 0.3616

Tritanomaly

26.2250, 0.3168, 0.3340

Monochromacy



Original Color

26.3325, 0.3334, 0.3734

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.8838, 0.3208, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3325, 0.3334, 0.3734 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(138, 143, 117)` looks like.

```
.text, #text, p{  
    color:rgb(138, 143, 117)  
}
```

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(138, 143, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 143, 117) }
```

Border

The CSS property to change the border of an element to Yxy 26.3325, 0.3334, 0.3734 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(138, 143, 117) }
```

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

```
.border{ border-color:rgb(138, 143, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 143, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 143, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 143, 117);  
box-shadow:4px 4px 4px 4px rgb(138, 143,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3325, 0.3334, 0.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 143, 117) }
```

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

```
.background{ background-color: rgb(138,  
143, 117) }
```

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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