

Converting Colors

$Y_{xy}(26.2348, 0.3442, 0.3642)$

Have a look what the booklet for
Yxy(26.2348, 0.3442, 0.3642)
contains.

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Color

Yxy(26.3601, 0.3446, 0.3654)

Conversions

Conversions Part 1

Format	Color
Hex	948C76
RGB	148, 140, 118
RGB Percent	58%, 55%, 46%
CMY	0.4197, 0.4510, 0.5372
CMYK	0.00, 0.05, 0.20, 0.42
HSL	44°, 12%, 52%
HSV	44°, 20%, 58%
XYZ	24.8596, 26.3601, 20.9207
YIQ	139.8840, 11.8300, -5.1460

Conversions

Conversions Part 2

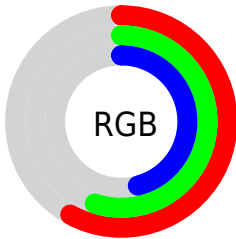
Format	Color
R_{YB}	129, 148, 118
Decimal	9735286
CIE Lab	58.38, -0.83, 12.83
CIE LCh	58, 12.856, 93.717
Yxy	26.3601, 0.3446, 0.3654
Android (android.graphics.Color)	4287925366 (0xFF948C76)
YUV	139.8840, -10.7888, 7.1177
Hunter-Lab	51.3421, -3.4199, 11.7802

Details

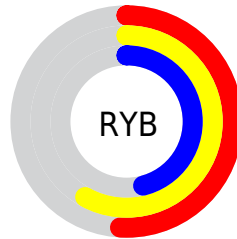
The Yxy color **26.3601, 0.3446, 0.3654** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.9097, 0.2810, 0.2897**, and the grayscale version is **26.2176, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5988, 0.3379, 0.3574**, and **10.2959, 0.3555, 0.3777** is the 20% darker color. If you saturate the color by 10%, you get **24.9056, 0.3621, 0.3841**, and if you desaturate by 10%, it is **27.9134, 0.3282, 0.3471**.

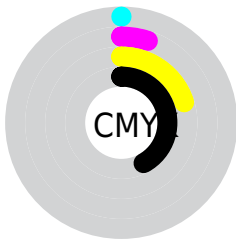
Distribution



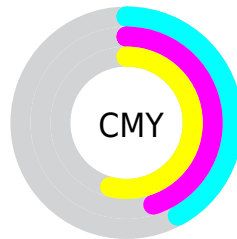
- Red (58%)
- Green (55%)
- Blue (46%)



- Red (51%)
- Yellow (58%)
- Blue (46%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (42%)





- Cyan (42%)
- Magenta (45%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3601, 0.3446, 0.3654 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 26.3601, 0.3446, 0.3654 by changing the saturation by 10% instead.


 26.3601, 0.3446,
0.3654


 26.3601, 0.3446,
0.3654


284.5453, 0.3272,
0.3455


 17.0932, 0.3495,
0.3710


 53.8553, 0.3379,
0.3577

 10.3010, 0.3561,
0.3787


 72.8524, 0.3355,
0.3549

 5.5990, 0.3656,
0.3897


 95.8618, 0.3335,
0.3527

 2.6028, 0.3801,
0.4068

123.2677, 0.3318,
0.3508

 0.9281, 0.4528,
0.4879

155.4546, 0.3304,
0.3491

 0.0000, 0.0000,
0.0000

192.8069, 0.3292,

0.3477

235.7090, 0.3281,
0.3465

■ 26.3601, 0.3446,
0.3654

■ 26.3601, 0.3446,
0.3654

■ 24.9056, 0.3621,
0.3841

■ 27.9134, 0.3282,
0.3471

■ 23.5434, 0.3805,
0.4025

■ 29.5647, 0.3131,
0.3294

■ 22.2715, 0.3993,
0.4199

■ 31.3180, 0.2993,
0.3128

■ 21.0863, 0.4177,
0.4353

■ 33.1757, 0.2869,
0.2972

■ 19.9841, 0.4352,
0.4479

■ 35.1403, 0.2756,
0.2829

■ 18.9606, 0.4508,
0.4565

■ 37.2142, 0.2656,
0.2696

■ 18.0110, 0.4638,
0.4607

■ 39.3995, 0.2566,
0.2575

■ 17.1448, 0.4746,
0.4614

■ 41.6985, 0.2486,
0.2464

■ 44.1132, 0.2414,
0.2362

Harmonies

Analogous

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



26.3601, 0.3550, 0.3543



26.3601, 0.3446, 0.3654



26.3601, 0.3258, 0.3667

Triad

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



26.3601, 0.3446, 0.3654



26.3601, 0.2735, 0.3185



26.3601, 0.3205, 0.3033

Complementary

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



26.3601, 0.3446, 0.3654



20.9097, 0.2810, 0.2897

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.



26.3601, 0.2986, 0.2941



26.3601, 0.3446, 0.3654



26.3601, 0.2721, 0.3021

Square

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



26.3601, 0.3446, 0.3654



26.3601, 0.2849, 0.3389



26.3601, 0.2811, 0.2935



26.3601, 0.3408, 0.3188

Rectangle

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



26.3601, 0.3446, 0.3654



26.3601, 0.3112, 0.3613



26.3601, 0.2811, 0.2935



26.3601, 0.3131, 0.2994

Sweetspot

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



26.3613, 0.3446, 0.3654



50.4448, 0.3218, 0.3397



20.7609, 0.3414, 0.3156



11.4775, 0.3227, 0.3407



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.



26.3613, 0.3446, 0.3654



45.4165, 0.3519, 0.3733



28.1461, 0.3345, 0.3790



6.4861, 0.3265, 0.3452



14.6933, 0.4742, 0.4617



0.2283, 0.4442, 0.4855

Inverse Universe

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



20.9097, 0.2810, 0.2897



34.1312, 0.2738, 0.2804



19.4579, 0.2879, 0.2762



5.8692, 0.2989, 0.3123



3.1282, 0.1600, 0.0959



0.0813, 0.1813, 0.1727

Previews

White Background



This preview shows how the Yxy color 26.3601, 0.3446, 0.3654 looks on a white background.

Color Contrast Check

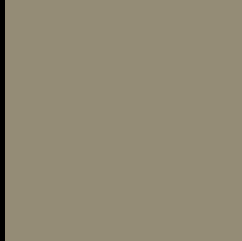
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3601, 0.3446, 0.3654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

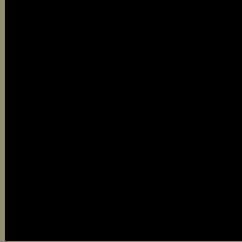
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

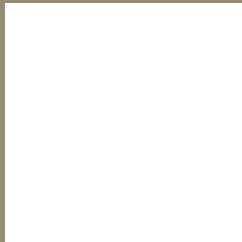
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.3601, 0.3446, 0.3654

Background



This preview shows how black text looks on a background with the Yxy color 26.3601, 0.3446, 0.3654.



This preview shows how white text looks on a background with the Yxy color 26.3601, 0.3446, 0.3654.

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

26.3601, 0.3446, 0.3654

Protanopia

26.3601, 0.3446, 0.3654

Deuteranopia

26.2369, 0.3605, 0.3544



Tritanopia

26.3903, 0.3191, 0.3116

Trichromacy



Original Color

26.3601, 0.3446, 0.3654

Protanomaly

26.3601, 0.3446, 0.3654

Deuteranomaly

26.2911, 0.3539, 0.3580

Tritanomaly

26.2482, 0.3295, 0.3307

Monochromacy



Original Color

26.3601, 0.3446, 0.3654

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.2617, 0.3242, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3601, 0.3446, 0.3654 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(148, 140, 118)` looks like.

```
.text, #text, p{  
    color:rgb(148, 140, 118)  
}
```

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(148, 140, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 140, 118) }
```

Border

The CSS property to change the border of an element to Yxy 26.3601, 0.3446, 0.3654 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(148, 140, 118) }
```

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

```
.border{ border-color:rgb(148, 140, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 140, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 140, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 140, 118);  
box-shadow:4px 4px 4px 4px rgb(148, 140,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3601, 0.3446, 0.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 140, 118) }
```

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

```
.background{ background-color: rgb(148,  
140, 118) }
```

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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