

Converting Colors

$Y_{xy}(26.0405, 0.3400, 0.4045)$

Have a look what the booklet for
Yxy(26.0405, 0.3400, 0.4045)
contains.

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Color

Yxy(26.0354, 0.3400, 0.4045)

Conversions

Conversions Part 1

Format	Color
Hex	839166
RGB	131, 145, 102
RGB Percent	51%, 57%, 40%
CMY	0.4863, 0.4314, 0.6000
CMYK	0.10, 0.00, 0.30, 0.43
HSL	80°, 17%, 48%
HSV	80°, 30%, 57%
XYZ	21.8839, 26.0354, 16.4451
YIQ	135.9120, 5.4590, -16.3410

Conversions

Conversions Part 2

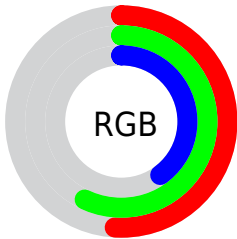
Format	Color
RYB	102, 145, 116
Decimal	8622438
CIELab	58.07, -12.82, 21.20
CIElCh	58, 24.771, 121.156
Yxy	26.0354, 0.3400, 0.4045
Android (android.graphics.Color)	4286812518 (0xFF839166)
YUV	135.9120, -16.7186, -4.3078
Hunter-Lab	51.0249, -12.7373, 16.6085

Details

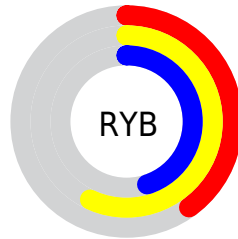
The Yxy color **26.0354, 0.3400, 0.4045** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.2638, 0.2790, 0.2495**, and the grayscale version is **24.6488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3371, 0.3346, 0.3885**, and **10.2096, 0.3473, 0.4337** is the 20% darker color. If you saturate the color by 10%, you get **25.4049, 0.3484, 0.4316**, and if you desaturate by 10%, it is **26.7358, 0.3309, 0.3778**.

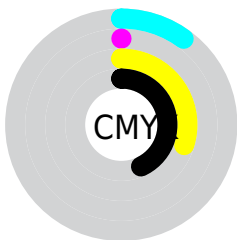
Distribution



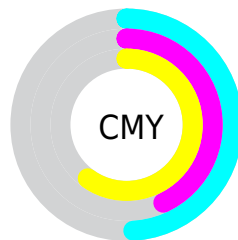
- Red (51%)
- Green (57%)
- Blue (40%)



- Red (40%)
- Yellow (57%)
- Blue (45%)



- Cyan (10%)
- Magenta (0%)
- Yellow (30%)
- Black (43%)





- Cyan (49%)
- Magenta (43%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0354, 0.3400, 0.4045 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 26.0354, 0.3400, 0.4045 by changing the saturation by 10% instead.


 26.0354, 0.3400,
0.4045


 26.0354, 0.3400,
0.4045


282.9558, 0.3258,
0.3621


 16.8501, 0.3436,
0.4169


 53.3320, 0.3348,
0.3878

 10.1277, 0.3481,
0.4340


 72.2122, 0.3328,
0.3820

 5.4837, 0.3537,
0.4589

 95.0928, 0.3312,
0.3772

 2.5338, 0.3618,
0.5006

 122.3582, 0.3298,
0.3731

 0.8935, 0.3751,
0.6249

154.3928, 0.3286,
0.3697

 0.0000, 0.0000,
0.0000

191.5810, 0.3275,

0.3668

234.3072, 0.3266,
0.3643

■ 26.0354, 0.3400,
0.4045

■ 26.0354, 0.3400,
0.4045

■ 25.4049, 0.3484,
0.4316

■ 26.7358, 0.3309,
0.3778

■ 24.8379, 0.3559,
0.4582

■ 27.5052, 0.3216,
0.3523

■ 24.3325, 0.3617,
0.4832

■ 28.3472, 0.3124,
0.3282

■ 23.8853, 0.3657,
0.5056

■ 29.2643, 0.3034,
0.3059

■ 23.4924, 0.3673,
0.5242

■ 30.2587, 0.2949,
0.2854

■ 23.1496, 0.3666,
0.5383

■ 31.3325, 0.2868,
0.2668

■ 22.8458, 0.3641,
0.5488

■ 32.4877, 0.2792,
0.2500

■ 22.8355, 0.3640,
0.5492

■ 33.7263, 0.2723,
0.2348

■ 35.0502, 0.2658,
0.2212

Harmonies

Analogous

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



26.0354, 0.3760, 0.3974



26.0354, 0.3400, 0.4045



26.0354, 0.2982, 0.3875

Triad

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



26.0354, 0.3400, 0.4045



26.0354, 0.2360, 0.2785



26.0354, 0.3642, 0.3062

Complementary

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



26.0354, 0.3400, 0.4045



15.2638, 0.2790, 0.2495

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.



26.0354, 0.3232, 0.2792



26.0354, 0.3400, 0.4045



26.0354, 0.2508, 0.2626

Square

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



26.0354, 0.3400, 0.4045



26.0354, 0.2399, 0.3102



26.0354, 0.2818, 0.2635



26.0354, 0.3913, 0.3395

Rectangle

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



26.0354, 0.3400, 0.4045



26.0354, 0.2728, 0.3646



26.0354, 0.2818, 0.2635



26.0354, 0.3514, 0.2963

Sweetspot

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



26.0365, 0.3400, 0.4045



49.3218, 0.3212, 0.3511



19.3844, 0.3693, 0.3530



10.9300, 0.3224, 0.3544



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.



26.0365, 0.3400, 0.4045



45.8097, 0.3461, 0.4237



24.5196, 0.3169, 0.4102



6.1986, 0.3212, 0.3511



19.6001, 0.3644, 0.5489



0.1994, 0.3908, 0.5279

Inverse Universe

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



15.2638, 0.2790, 0.2495



23.1101, 0.2690, 0.2280



16.8782, 0.3058, 0.2555



5.3350, 0.3037, 0.3066



2.2896, 0.1758, 0.0742



0.0328, 0.2228, 0.1001

Previews

White Background



This preview shows how the Yxy color 26.0354, 0.3400, 0.4045 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 26.0354, 0.3400, 0.4045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

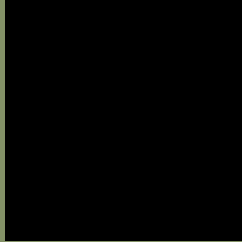
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0354, 0.3400, 0.4045

Background



This preview shows how black text looks on a background with the Yxy color 26.0354, 0.3400, 0.4045.



This preview shows how white text looks on a background with the Yxy color 26.0354, 0.3400, 0.4045.

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

26.0354, 0.3400, 0.4045

Protanopia

25.8694, 0.3666, 0.3934

Deuteranopia

25.9422, 0.3817, 0.3760



Tritanopia

26.0705, 0.3008, 0.3109

Trichromacy



Original Color

26.0354, 0.3400, 0.4045

Protanomaly

25.8290, 0.3564, 0.3967

Deuteranomaly

25.8316, 0.3663, 0.3864

Tritanomaly

25.8941, 0.3142, 0.3426

Monochromacy



Original Color

26.0354, 0.3400, 0.4045

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.9888, 0.3225, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0354, 0.3400, 0.4045 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(131, 145, 102)` looks like.

```
.text, #text, p{  
    color:rgb(131, 145, 102)  
}
```

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(131, 145, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 145, 102) }
```

Border

The CSS property to change the border of an element to Yxy 26.0354, 0.3400, 0.4045 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(131, 145, 102) }
```

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

```
.border{ border-color:rgb(131, 145, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 145, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 145, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 145, 102); box-shadow:4px 4px 4px 4px rgb(131, 145, 102) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0354, 0.3400, 0.4045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 145, 102) }
```

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

```
.background{ background-color: rgb(131,  
145, 102) }
```

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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