

Converting Colors

$Yxy(26.5844, 0.3400, 0.3858)$

Have a look what the booklet for
Yxy(26.5844, 0.3400, 0.3858)
contains.

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Color

Yxy(26.5832, 0.3404, 0.3852)

Conversions

Conversions Part 1

Format	Color
Hex	8B906F
RGB	139, 144, 111
RGB Percent	55%, 56%, 44%
CMY	0.4549, 0.4353, 0.5646
CMYK	0.03, 0.00, 0.23, 0.44
HSL	69°, 13%, 50%
HSV	69°, 23%, 56%
XYZ	23.4915, 26.5832, 18.9367
YIQ	138.7430, 7.6130, -11.3230

Conversions

Conversions Part 2

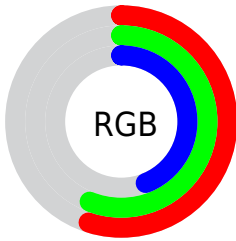
Format	Color
R_YB	111, 144, 116
Decimal	9146479
CIE Lab	58.59, -7.71, 16.96
CIE LCh	59, 18.631, 114.453
Yxy	26.5832, 0.3404, 0.3852
Android (android.graphics.Color)	4287336559 (0xFF8B906F)
YUV	138.7430, -13.6773, 0.2254
Hunter-Lab	51.5589, -8.8991, 14.3150

Details

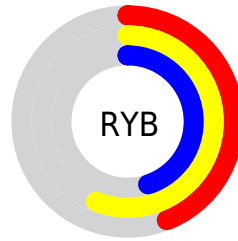
The Yxy color $26.5832, 0.3404, 0.3852$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $17.1003, 0.2811, 0.2682$, and the grayscale version is $25.7675, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.3700, 0.3348, 0.3731$, and $10.4881, 0.3502, 0.4072$ is the 20% darker color. If you saturate the color by 10%, you get $26.1064, 0.3523, 0.4106$, and if you desaturate by 10%, it is $27.1173, 0.3282, 0.3601$.

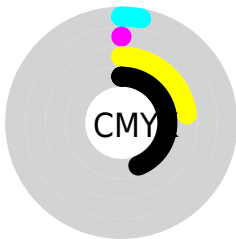
Distribution



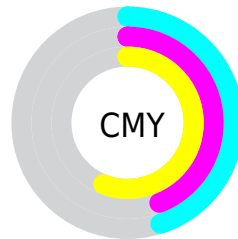
- Red (55%)
- Green (56%)
- Blue (44%)



- Red (44%)
- Yellow (56%)
- Blue (45%)



- Cyan (3%)
- Magenta (0%)
- Yellow (23%)
- Black (44%)





- Cyan (45%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5832, 0.3404, 0.3852 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 26.5832, 0.3404, 0.3852 by changing the saturation by 10% instead.


 26.5832, 0.3404,
0.3852


 26.5832, 0.3404,
0.3852


285.6333, 0.3256,
0.3540

 17.2604, 0.3444,
0.3942


 54.2143, 0.3348,
0.3730


 10.4204, 0.3496,
0.4065


 73.2914, 0.3328,
0.3687

 5.6785, 0.3568,
0.4244

 96.3888, 0.3311,
0.3652

 2.6506, 0.3668,
0.4526

 123.8909, 0.3296,
0.3622

 0.9522, 0.4289,
0.5711

156.1819, 0.3284,
0.3597

 0.0000, 0.0000,
0.0000

193.6465, 0.3274,

0.3575

236.6688, 0.3264,
0.3556

■ 26.5832, 0.3404,
0.3852

■ 26.5832, 0.3404,
0.3852

■ 26.1064, 0.3523,
0.4106

■ 27.1173, 0.3282,
0.3601

■ 25.6808, 0.3635,
0.4355

■ 27.7073, 0.3162,
0.3358

■ 25.3050, 0.3736,
0.4589

■ 28.3568, 0.3045,
0.3128

■ 24.9760, 0.3819,
0.4799


■ 29.0676, 0.2934,
0.2914

■ 24.6906, 0.3881,
0.4976

■ 29.8418, 0.2829,
0.2716

 24.4451, 0.3919,
0.5113


 30.6812, 0.2733,
0.2536

 24.2351, 0.3933,
0.5207

 31.5876, 0.2643,
0.2371

 24.0987, 0.3934,
0.5259

 32.5626, 0.2562,
0.2223

 33.6080, 0.2487,
0.2088

Harmonies

Analogous

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



26.5832, 0.3649, 0.3775



26.5832, 0.3404, 0.3852



26.5832, 0.3093, 0.3762

Triad

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



26.5832, 0.3404, 0.3852



26.5832, 0.2538, 0.2960



26.5832, 0.3450, 0.3068

Complementary

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



26.5832, 0.3404, 0.3852



17.1003, 0.2811, 0.2682

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.



26.5832, 0.3137, 0.2874



26.5832, 0.3404, 0.3852



26.5832, 0.2621, 0.2805

Square

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



26.5832, 0.3404, 0.3852



26.5832, 0.2602, 0.3221



26.5832, 0.2835, 0.2778



26.5832, 0.3680, 0.3318

Rectangle

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



26.5832, 0.3404, 0.3852



26.5832, 0.2891, 0.3614



26.5832, 0.2835, 0.2778



26.5832, 0.3350, 0.2995

Sweetspot

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



26.5844, 0.3404, 0.3852



48.4150, 0.3212, 0.3460



19.5603, 0.3560, 0.3378



11.0907, 0.3218, 0.3472



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.



26.5844, 0.3404, 0.3852



46.4844, 0.3460, 0.3970



25.2736, 0.3221, 0.3886



6.2446, 0.3237, 0.3509



20.9934, 0.3935, 0.5257



0.2080, 0.4069, 0.5151

Inverse Universe

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



17.1003, 0.2811, 0.2682



27.0131, 0.2735, 0.2541



18.3289, 0.3009, 0.2716



5.2918, 0.3012, 0.3064



1.9071, 0.1577, 0.0642



0.0242, 0.1868, 0.0803

Previews

White Background



This preview shows how the Yxy color 26.5832, 0.3404, 0.3852 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 26.5832, 0.3404, 0.3852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

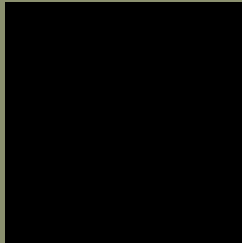
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

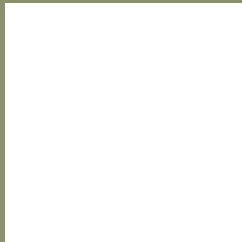
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.5832, 0.3404, 0.3852

Background



This preview shows how black text looks on a background with the Yxy color 26.5832, 0.3404, 0.3852.



This preview shows how white text looks on a background with the Yxy color 26.5832, 0.3404, 0.3852.

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

26.5832, 0.3404, 0.3852

Protanopia

26.6379, 0.3562, 0.3816

Deuteranopia

26.4127, 0.3709, 0.3635



Tritanopia

26.5965, 0.3071, 0.3113

Trichromacy



Original Color

26.5832, 0.3404, 0.3852

Protanomaly

26.5828, 0.3501, 0.3824

Deuteranomaly

26.3154, 0.3600, 0.3711

Tritanomaly

26.5781, 0.3188, 0.3373

Monochromacy



Original Color

26.5832, 0.3404, 0.3852

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.1237, 0.3227, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5832, 0.3404, 0.3852 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(139, 144, 111)` looks like.

```
.text, #text, p{  
    color:rgb(139, 144, 111)  
}
```

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(139, 144, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 144, 111) }
```

Border

The CSS property to change the border of an element to Yxy 26.5832, 0.3404, 0.3852 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(139, 144, 111) }
```

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

```
.border{ border-color:rgb(139, 144, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 144, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 144, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 144, 111);  
box-shadow:4px 4px 4px 4px rgb(139, 144,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5832, 0.3404, 0.3852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 144, 111) }
```

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

```
.background{ background-color: rgb(139,  
144, 111) }
```

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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