

Converting Colors

$Y_{xy}(26.6689, 0.3268, 0.3701)$

Have a look what the booklet for
Yxy(26.6689, 0.3268, 0.3701)
contains.

Yxy(26.8655, 0.3268, 0.3699)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.8655, 0.3268, 0.3699)

Conversions

Conversions Part 1

Format	Color
Hex	889179
RGB	136, 145, 121
RGB Percent	53%, 57%, 47%
CMY	0.4665, 0.4314, 0.5254
CMYK	0.06, 0.00, 0.17, 0.43
HSL	82°, 10%, 52%
HSV	82°, 17%, 57%
XYZ	23.7352, 26.8655, 22.0284
YIQ	139.5730, 2.3400, -9.3720

Conversions

Conversions Part 2

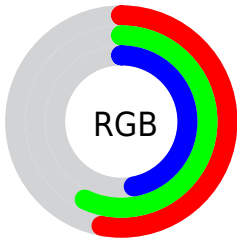
Format	Color
R_{YB}	121, 145, 130
Decimal	8950137
CIE _{Lab}	58.85, -7.76, 11.64
CIE _{LCh}	59, 13.993, 123.704
Yxy	26.8655, 0.3268, 0.3699
Android (android.graphics.Color)	4287140217 (0xFF889179)
YUV	139.5730, -9.1565, -3.1335
Hunter-Lab	51.8319, -8.9661, 11.0843

Details

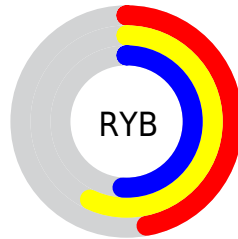
The Yxy color $26.8655, 0.3268, 0.3699$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $20.4661, 0.2969, 0.2873$, and the grayscale version is $26.0898, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.6828, 0.3239, 0.3618$, and $10.6307, 0.3317, 0.3875$ is the 20% darker color. If you saturate the color by 10%, you get $26.0951, 0.3352, 0.3966$, and if you desaturate by 10%, it is $27.7147, 0.3183, 0.3446$.

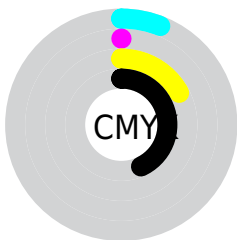
Distribution



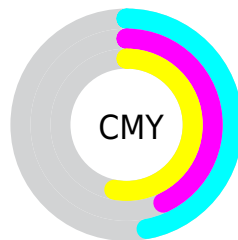
- Red (53%)
- Green (57%)
- Blue (47%)



- Red (47%)
- Yellow (57%)
- Blue (51%)



- Cyan (6%)
- Magenta (0%)
- Yellow (17%)
- Black (43%)



- Cyan (47%)
- Magenta (43%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8655, 0.3268, 0.3699 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 26.8655, 0.3268, 0.3699 by changing the saturation by 10% instead.

■ 26.8655, 0.3268,
0.3699

■ 26.8655, 0.3268,
0.3699

287.0053, 0.3193,
0.3472

■ 17.4722, 0.3288,
0.3765

■ 54.6680, 0.3240,
0.3610

■ 10.5718, 0.3315,
0.3855

■ 73.8460, 0.3229,
0.3579

■ 5.7797, 0.3351,
0.3987

■ 97.0543, 0.3221,
0.3553

■ 2.7116, 0.3404,
0.4200

124.6774, 0.3214,
0.3532

■ 0.9831, 0.3750,
0.4971

157.0997, 0.3207,
0.3513

■ 0.0000, 0.0000,
0.0000

194.7055, 0.3202,

0.3498

237.8792, 0.3197,
0.3484

■ 26.8655, 0.3268,
0.3699

■ 26.8655, 0.3268,
0.3699

■ 26.0951, 0.3352,
0.3966

■ 27.7147, 0.3183,
0.3446

■ 25.3971, 0.3430,
0.4241

■ 28.6416, 0.3098,
0.3210

■ 24.7699, 0.3500,
0.4515

■ 29.6499, 0.3016,
0.2994

■ 24.2104, 0.3556,
0.4780

■ 30.7419, 0.2938,
0.2796

■ 23.7151, 0.3594,
0.5022

■ 31.9198, 0.2865,
0.2618

■ 23.2802, 0.3610,
0.5230

■ 33.1856, 0.2797,
0.2457

■ 22.9014, 0.3603,
0.5395

■ 34.5415, 0.2733,
0.2313

■ 22.5720, 0.3575,
0.5514

■ 35.9894, 0.2675,
0.2183

■ 22.4647, 0.3565,
0.5552

■ 37.5311, 0.2621,
0.2068

Harmonies

Analogous

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



26.8655, 0.3472, 0.3684



26.8655, 0.3268, 0.3699



26.8655, 0.3032, 0.3593

Triad

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



26.8655, 0.3268, 0.3699



26.8655, 0.2689, 0.2999



26.8655, 0.3431, 0.3179

Complementary

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



26.8655, 0.3268, 0.3699



20.4661, 0.2969, 0.2873

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.



26.8655, 0.3211, 0.3013



26.8655, 0.3268, 0.3699



26.8655, 0.2786, 0.2907

Square

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



26.8655, 0.3268, 0.3699



26.8655, 0.2704, 0.3176



26.8655, 0.2975, 0.2914



26.8655, 0.3570, 0.3377

Rectangle

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



26.8655, 0.3268, 0.3699



26.8655, 0.2888, 0.3468



26.8655, 0.2975, 0.2914



26.8655, 0.3364, 0.3118

Sweetspot

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



26.8667, 0.3268, 0.3699



49.8679, 0.3170, 0.3411



23.3139, 0.3406, 0.3440



11.0713, 0.3176, 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.



26.8667, 0.3268, 0.3699



47.5678, 0.3301, 0.3801



25.9302, 0.3141, 0.3715



6.1861, 0.3205, 0.3511



19.2862, 0.3568, 0.5549



0.1970, 0.3860, 0.5317

Inverse Universe

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



20.4661, 0.2969, 0.2873



33.7865, 0.2926, 0.2766



21.4553, 0.3108, 0.2890



5.3470, 0.3044, 0.3067



2.4436, 0.1827, 0.0780



0.0352, 0.2317, 0.1050

Previews

White Background



This preview shows how the Yxy color 26.8655, 0.3268, 0.3699 looks on a white background.

Color Contrast Check

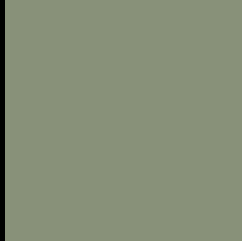
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8655, 0.3268, 0.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

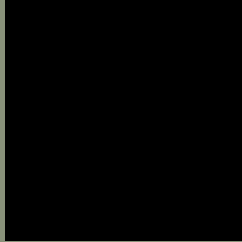
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

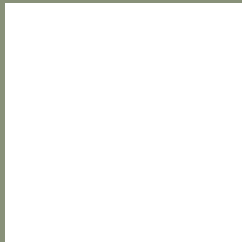
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.8655, 0.3268, 0.3699

Background



This preview shows how black text looks on a background with the Yxy color 26.8655, 0.3268, 0.3699.



This preview shows how white text looks on a background with the Yxy color 26.8655, 0.3268, 0.3699.

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

26.8655, 0.3268, 0.3699

Protanopia

26.7712, 0.3444, 0.3652

Deuteranopia

26.7198, 0.3568, 0.3495



Tritanopia

26.9795, 0.3020, 0.3112

Trichromacy



Original Color

26.8655, 0.3268, 0.3699

Protanomaly

26.6314, 0.3374, 0.3658

Deuteranomaly

26.6427, 0.3464, 0.3566

Tritanomaly

26.7581, 0.3105, 0.3306

Monochromacy



Original Color

26.8655, 0.3268, 0.3699

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.5284, 0.3185, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8655, 0.3268, 0.3699 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(136, 145, 121)` looks like.

```
.text, #text, p{  
    color:rgb(136, 145, 121)  
}
```

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(136, 145, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 145, 121) }
```

Border

The CSS property to change the border of an element to Yxy 26.8655, 0.3268, 0.3699 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(136, 145, 121) }
```

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

```
.border{ border-color:rgb(136, 145, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 145, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 145, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 145, 121);  
box-shadow:4px 4px 4px 4px rgb(136, 145,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8655, 0.3268, 0.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 145, 121) }
```

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

```
.background{ background-color: rgb(136,  
145, 121) }
```

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