

Converting Colors

$Y_{xy}(26.4409, 0.2887, 0.3141)$

Have a look what the booklet for
Yxy(26.4409, 0.2887, 0.3141)
contains.

Yxy(26.5011, 0.2889, 0.3139)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.5011, 0.2889, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	808F98
RGB	128, 143, 152
RGB Percent	50%, 56%, 60%
CMY	0.4981, 0.4392, 0.4039
CMYK	0.16, 0.06, 0.00, 0.40
HSL	202°, 10%, 55%
HSV	202°, 16%, 60%
XYZ	24.3905, 26.5011, 33.5337
YIQ	139.5410, -11.8290, -0.3810

Conversions

Conversions Part 2

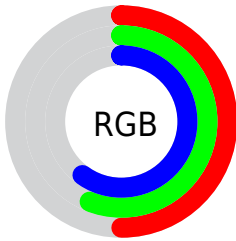
Format	Color
R_{YB}	128, 137, 152
Decimal	8425368
CIE _{Lab}	58.51, -3.43, -6.60
CIE _{LCh}	59, 7.436, 242.546
Yxy	26.5011, 0.2889, 0.3139
Android (android.graphics.Color)	4286615448 (0xFF808F98)
YUV	139.5410, 6.1423, -10.1215
Hunter-Lab	51.4792, -5.5167, -2.5862

Details

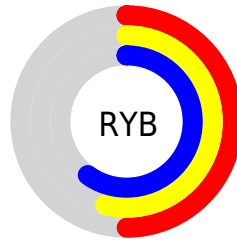
The Yxy color **26.5011, 0.2889, 0.3139** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.1190, 0.3393, 0.3436**, and the grayscale version is **26.0173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2125, 0.2941, 0.3178**, and **10.4306, 0.2812, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **23.7446, 0.2737, 0.3031**, and if you desaturate by 10%, it is **29.5231, 0.3041, 0.3237**.

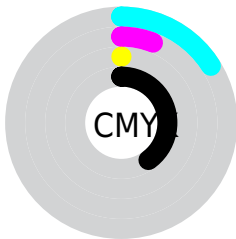
Distribution



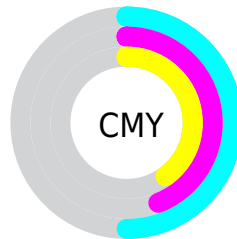
- Red (50%)
- Green (56%)
- Blue (60%)



- Red (50%)
- Yellow (54%)
- Blue (60%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5011, 0.2889, 0.3139 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 26.5011, 0.2889, 0.3139 by changing the saturation by 10% instead.

■ 26.5011, 0.2889,
0.3139

■ 26.5011, 0.2889,
0.3139

285.2334, 0.3019,
0.3222

■ 17.1989, 0.2853,
0.3115

■ 54.0822, 0.2939,
0.3171

■ 10.3764, 0.2803,
0.3083

■ 73.1300, 0.2957,
0.3183

■ 5.6492, 0.2733,
0.3035

■ 96.1950, 0.2971,
0.3192

■ 2.6330, 0.2623,
0.2959

123.6617, 0.2984,
0.3200

■ 0.9433, 0.2429,
0.2822

155.9145, 0.2994,
0.3207

■ 0.0000, 0.0000,
0.0000

193.3378, 0.3004,

0.3213

236.3159, 0.3012,
0.3218

■ 26.5011, 0.2889,
0.3139

■ 26.5011, 0.2889,
0.3139

■ 23.7446, 0.2737,
0.3031

■ 29.5231, 0.3041,
0.3237

■ 21.2411, 0.2587,
0.2913

■ 32.8159, 0.3189,
0.3326

■ 18.9822, 0.2442,
0.2787

■ 36.3888, 0.3333,
0.3405

■ 16.9573, 0.2307,
0.2654

■ 40.2494, 0.3471,
0.3476

■ 15.1549, 0.2184,
0.2515

■ 44.4052, 0.3603,
0.3538

■ 13.5625, 0.2079,
0.2374

■ 48.8633, 0.3727,
0.3592

■ 12.1656, 0.1992,
0.2232

■ 53.6306, 0.3844,
0.3640

■ 10.9446, 0.1925,
0.2093

■ 58.7138, 0.3953,
0.3682

■ 10.4650, 0.1899,
0.2034

■ 62.2153, 0.3975,
0.3732

Harmonies

Analogous

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



26.5011, 0.2900, 0.3237



26.5011, 0.2889, 0.3139



26.5011, 0.2941, 0.3084

Triad

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



26.5011, 0.2889, 0.3139



26.5011, 0.3285, 0.3227



26.5011, 0.3209, 0.3506

Complementary

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



26.5011, 0.2889, 0.3139



26.1190, 0.3393, 0.3436

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.



26.5011, 0.3315, 0.3499



26.5011, 0.2889, 0.3139



26.5011, 0.3360, 0.3336

Square

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



26.5011, 0.2889, 0.3139



26.5011, 0.3168, 0.3136



26.5011, 0.3371, 0.3436



26.5011, 0.3083, 0.3452

Rectangle

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



26.5011, 0.2889, 0.3139



26.5011, 0.3004, 0.3078



26.5011, 0.3371, 0.3436



26.5011, 0.3248, 0.3510

Sweetspot

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



26.5022, 0.2889, 0.3139



52.5031, 0.3051, 0.3244



28.8441, 0.3028, 0.3546



11.8512, 0.3041, 0.3238



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.5022, 0.2889, 0.3139



44.9883, 0.2835, 0.3101



23.1392, 0.2881, 0.2936



6.6375, 0.2989, 0.3205



8.8357, 0.1901, 0.2044



0.2015, 0.2068, 0.2645

Inverse Universe

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



24.0942, 0.3243, 0.3050



39.9871, 0.3274, 0.2993



29.6637, 0.3364, 0.3621



6.2844, 0.3191, 0.3152



6.2973, 0.4404, 0.2200



0.1012, 0.3781, 0.1857

Previews

White Background



This preview shows how the Yxy color 26.5011, 0.2889, 0.3139 looks on a white background.

Color Contrast Check

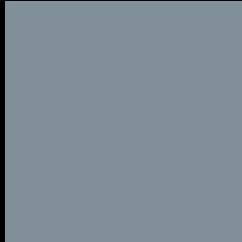
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5011, 0.2889, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

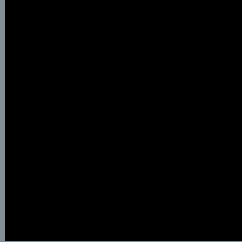
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

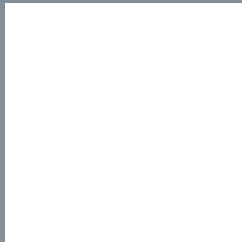
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.5011, 0.2889, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 26.5011, 0.2889, 0.3139.



This preview shows how white text looks on a background with the Yxy color 26.5011, 0.2889, 0.3139.

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

26.5011, 0.2889, 0.3139

Protanopia

26.5336, 0.3029, 0.3127

Deuteranopia

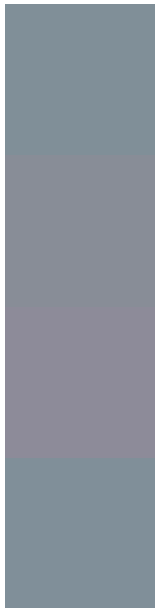
26.4871, 0.3085, 0.3037



Tritanopia

26.5672, 0.2871, 0.3106

Trichromacy



Original Color

26.5011, 0.2889, 0.3139

Protanomaly

26.5184, 0.2978, 0.3125

Deuteranomaly

26.4279, 0.3010, 0.3064

Tritanomaly

26.5340, 0.2880, 0.3122

Monochromacy



Original Color

26.5011, 0.2889, 0.3139

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.2976, 0.3045, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5011, 0.2889, 0.3139 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(128, 143, 152)` looks like.

```
.text, #text, p{  
    color:rgb(128, 143, 152)  
}
```

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(128, 143, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 143, 152) }
```

Border

The CSS property to change the border of an element to Yxy 26.5011, 0.2889, 0.3139 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(128, 143, 152) }
```

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

```
.border{ border-color:rgb(128, 143, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 143, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 143, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 143, 152);  
box-shadow:4px 4px 4px 4px rgb(128, 143,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5011, 0.2889, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 143, 152) }
```

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

```
.background{ background-color: rgb(128,  
143, 152) }
```

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