

Converting Colors

$Y_{xy}(26.1843, 0.2672, 0.3144)$

Have a look what the booklet for
Yxy(26.1843, 0.2672, 0.3144)
contains.

Yxy(26.2982, 0.2670, 0.3149)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.2982, 0.2670, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	6A939B
RGB	106, 147, 155
RGB Percent	42%, 58%, 61%
CMY	0.5842, 0.4236, 0.3921
CMYK	0.32, 0.05, 0.00, 0.39
HSL	190°, 20%, 51%
HSV	190°, 32%, 61%
XYZ	22.2979, 26.2982, 34.9167
YIQ	135.6530, -27.0040, -6.2040

Conversions

Conversions Part 2

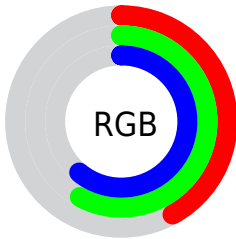
Format	Color
R_{YB}	106, 128, 155
Decimal	6984603
CIE _{Lab}	58.32, -11.97, -8.76
CIE _{LCh}	58, 14.829, 216.203
Yxy	26.2982, 0.2670, 0.3149
Android (android.graphics.Color)	4285174683 (0xFF6A939B)
YUV	135.6530, 9.5381, -26.0057
Hunter-Lab	51.2818, -12.1291, -4.4721

Details

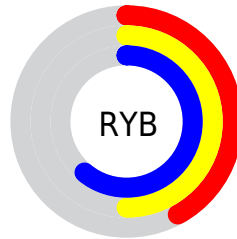
The Yxy color **26.2982, 0.2670, 0.3149** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.0586, 0.3782, 0.3426**, and the grayscale version is **24.4588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7477, 0.2768, 0.3186**, and **10.2060, 0.2508, 0.3079** is the 20% darker color. If you saturate the color by 10%, you get **24.6528, 0.2542, 0.3097**, and if you desaturate by 10%, it is **28.1348, 0.2808, 0.3198**.

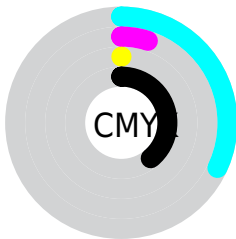
Distribution



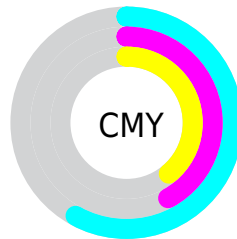
- Red (42%)
- Green (58%)
- Blue (61%)



- Red (42%)
- Yellow (50%)
- Blue (61%)



- Cyan (32%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)





- Cyan (58%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2982, 0.2670, 0.3149 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 26.2982, 0.2670, 0.3149 by changing the saturation by 10% instead.


 26.2982, 0.2670,
0.3149


 26.2982, 0.2670,
0.3149


284.2429, 0.2917,
0.3230


 17.0469, 0.2602,
0.3125


 53.7556, 0.2764,
0.3181


 10.2679, 0.2510,
0.3090


 72.7305, 0.2798,
0.3192

 5.5769, 0.2379,
0.3039

 95.7153, 0.2827,
0.3202

 2.5896, 0.2180,
0.2954

 123.0945, 0.2850,
0.3209

 0.9214, 0.1780,
0.2812

155.2525, 0.2871,
0.3216

 0.0000, 0.0000,
0.0000

192.5736, 0.2888,

0.3221

235.4423, 0.2903,
0.3226

■ 26.2982, 0.2670,
0.3149

■ 26.2982, 0.2670,
0.3149

■ 24.6528, 0.2542,
0.3097

■ 28.1348, 0.2808,
0.3198

■ 23.1860, 0.2426,
0.3043

■ 30.1682, 0.2954,
0.3243

■ 21.8888, 0.2326,
0.2987

■ 32.4075, 0.3103,
0.3284

■ 20.7497, 0.2243,
0.2930

■ 34.8602, 0.3254,
0.3321

■ 19.7559, 0.2178,
0.2873

■ 37.5337, 0.3405,
0.3355

■ 18.8920, 0.2132,
0.2815

■ 40.4347, 0.3553,
0.3385

■ 18.2348, 0.2102,
0.2767

■ 43.5697, 0.3697,
0.3411

■ 46.9452, 0.3836,
0.3434

■ 50.5669, 0.3970,
0.3454

Harmonies

Analogous

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



26.2982, 0.2792, 0.3384



26.2982, 0.2670, 0.3149



26.2982, 0.2665, 0.2967

Triad

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



26.2982, 0.2670, 0.3149



26.2982, 0.3237, 0.3007



26.2982, 0.3479, 0.3716

Complementary

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



26.2982, 0.2670, 0.3149



20.0586, 0.3782, 0.3426

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.



26.2982, 0.3610, 0.3593



26.2982, 0.2670, 0.3149



26.2982, 0.3468, 0.3188

Square

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



26.2982, 0.2670, 0.3149



26.2982, 0.2984, 0.2895



26.2982, 0.3607, 0.3400



26.2982, 0.3256, 0.3723

Rectangle

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



26.2982, 0.2670, 0.3149



26.2982, 0.2727, 0.2896



26.2982, 0.3607, 0.3400



26.2982, 0.3536, 0.3686

Sweetspot

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



26.2992, 0.2670, 0.3149



54.9534, 0.2990, 0.3253



27.7146, 0.3023, 0.4053



12.3179, 0.2969, 0.3247



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.2992, 0.2670, 0.3149



44.9498, 0.2577, 0.3112



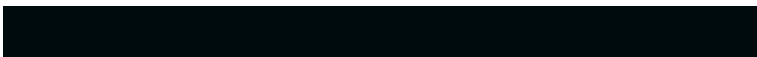
19.6439, 0.2619, 0.2712



6.8543, 0.2989, 0.3253



14.6903, 0.2103, 0.2772



0.2601, 0.2174, 0.3025

Inverse Universe

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



19.3921, 0.3261, 0.2641



30.7921, 0.3299, 0.2495



26.1515, 0.3667, 0.3806



6.3063, 0.3161, 0.3106



6.8883, 0.3661, 0.1790



0.1071, 0.3432, 0.1664

Previews

White Background



This preview shows how the Yxy color 26.2982, 0.2670, 0.3149 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 26.2982, 0.2670, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

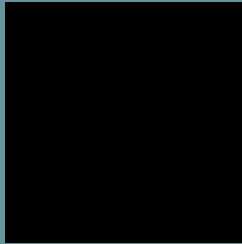
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2982, 0.2670, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 26.2982, 0.2670, 0.3149.



This preview shows how white text looks on a background with the Yxy color 26.2982, 0.2670, 0.3149.

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

26.2982, 0.2670, 0.3149

Protanopia

26.1562, 0.3018, 0.3110

Deuteranopia

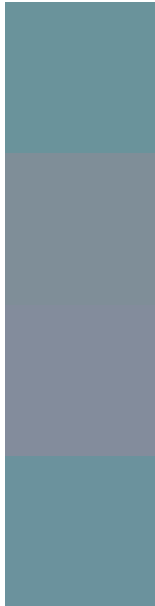
26.0624, 0.3014, 0.2956



Tritanopia

26.1522, 0.2653, 0.3081

Trichromacy



Original Color

26.2982, 0.2670, 0.3149

Protanomaly

26.1250, 0.2879, 0.3121

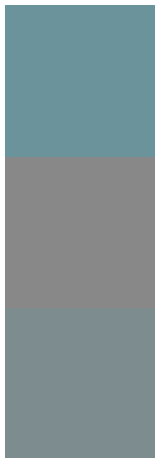
Deuteranomaly

25.9818, 0.2880, 0.3025

Tritanomaly

26.1179, 0.2660, 0.3098

Monochromacy



Original Color

26.2982, 0.2670, 0.3149

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.0993, 0.2940, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2982, 0.2670, 0.3149 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(106, 147, 155)` looks like.

```
.text, #text, p{  
    color:rgb(106, 147, 155)  
}
```

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(106, 147, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 147, 155) }
```

Border

The CSS property to change the border of an element to Yxy 26.2982, 0.2670, 0.3149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

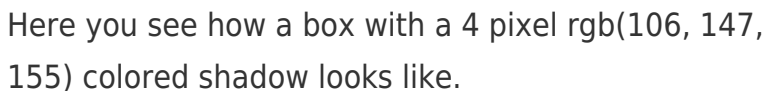
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 147, 155) }
```

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

```
.border{ border-color:rgb(106, 147, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 147, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 147, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 147, 155);  
box-shadow:4px 4px 4px 4px rgb(106, 147,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2982, 0.2670, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 147, 155) }
```

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

```
.background{ background-color: rgb(106,  
147, 155) }
```

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