

Converting Colors

$Y_{xy}(26.6928, 0.2697, 0.2926)$

Have a look what the booklet for
Yxy(26.6928, 0.2697, 0.2926)
contains.

Yxy(26.6928, 0.2697, 0.2926)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.6928, 0.2697, 0.2926)

Conversions

Conversions Part 1

Format	Color
Hex	7890A6
RGB	120, 144, 166
RGB Percent	47%, 56%, 65%
CMY	0.5293, 0.4353, 0.3490
CMYK	0.28, 0.13, 0.00, 0.35
HSL	209°, 21%, 56%
HSV	209°, 28%, 65%
XYZ	24.6037, 26.6928, 39.9297
YIQ	139.3320, -21.3660, 1.7540

Conversions

Conversions Part 2

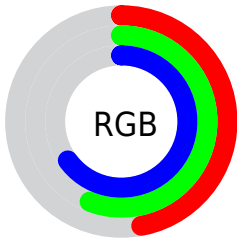
Format	Color
R_{YB}	120, 136, 166
Decimal	7901350
CIE _{Lab}	58.69, -3.28, -14.38
CIE _{LCh}	59, 14.750, 257.162
Yxy	26.6928, 0.2697, 0.2926
Android (android.graphics.Color)	4286091430 (0xFF7890A6)
YUV	139.3320, 13.1473, -16.9542
Hunter-Lab	51.6651, -5.4094, -9.6572

Details

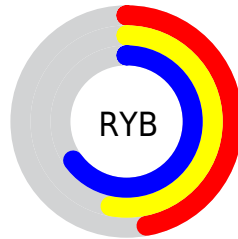
The Yxy color $26.6928, 0.2697, 0.2926$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.8153, 0.3625, 0.3628$, and the grayscale version is $25.9098, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.4929, 0.2785, 0.3007$, and $10.5224, 0.2549, 0.2803$ is the 20% darker color. If you saturate the color by 10%, you get $23.2858, 0.2538, 0.2770$, and if you desaturate by 10%, it is $30.4770, 0.2856, 0.3069$.

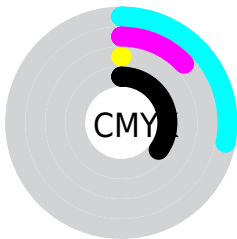
Distribution



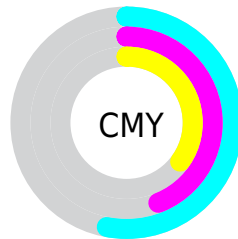
- Red (47%)
- Green (56%)
- Blue (65%)



- Red (47%)
- Yellow (53%)
- Blue (65%)



- Cyan (28%)
- Magenta (13%)
- Yellow (0%)
- Black (35%)



- Cyan (53%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6928, 0.2697, 0.2926 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 26.6928, 0.2697, 0.2926 by changing the saturation by 10% instead.

■ 26.6928, 0.2697,
0.2926

■ 26.6928, 0.2697,
0.2926

286.1666, 0.2929,
0.3125

■ 17.3426, 0.2633,
0.2870

■ 54.3905, 0.2786,
0.3003

■ 10.4791, 0.2547,
0.2795

■ 73.5069, 0.2818,
0.3030

■ 5.7177, 0.2425,
0.2687

■ 96.6474, 0.2844,
0.3053

■ 2.6742, 0.2241,
0.2520

124.1965, 0.2867,
0.3072

■ 0.9641, 0.1935,
0.2236

156.5386, 0.2886,
0.3088

■ 0.0000, 0.0000,
0.0000

194.0580, 0.2902,

0.3102

237.1393, 0.2916,
0.3114

■ 26.6928, 0.2697,
0.2926

■ 26.6928, 0.2697,
0.2926

■ 23.2858, 0.2538,
0.2770

■ 30.4770, 0.2856,
0.3069

■ 20.2387, 0.2383,
0.2602

■ 34.6484, 0.3011,
0.3199

■ 17.5375, 0.2235,
0.2425

■ 39.2205, 0.3161,
0.3316

■ 15.1657, 0.2100,
0.2243

■ 44.2053, 0.3304,
0.3419

■ 13.1050, 0.1983,
0.2058

■ 49.6139, 0.3439,
0.3511

■ 11.3347, 0.1887,
0.1877

■ 55.4573, 0.3566,
0.3592

■ 9.8231, 0.1812,
0.1703

■ 61.7459, 0.3684,
0.3663

■ 9.5000, 0.1795,
0.1663

■ 68.4896, 0.3794,
0.3725

■ 72.8601, 0.3784,
0.3800

Harmonies

Analogous

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



26.6928, 0.2659, 0.3076



26.6928, 0.2697, 0.2926



26.6928, 0.2846, 0.2877

Triad

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



26.6928, 0.2697, 0.2926



26.6928, 0.3529, 0.3265



26.6928, 0.3164, 0.3688

Complementary

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



26.6928, 0.2697, 0.2926



28.8153, 0.3625, 0.3628

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.



26.6928, 0.3403, 0.3729



26.6928, 0.2697, 0.2926



26.6928, 0.3620, 0.3473

Square

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



26.6928, 0.2697, 0.2926



26.6928, 0.3326, 0.3070



26.6928, 0.3572, 0.3646



26.6928, 0.2922, 0.3525

Rectangle

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



26.6928, 0.2697, 0.2926



26.6928, 0.2993, 0.2901



26.6928, 0.3572, 0.3646



26.6928, 0.3247, 0.3716

Sweetspot

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



26.6939, 0.2697, 0.2926



62.5280, 0.3004, 0.3194



33.2032, 0.2919, 0.3696



13.7352, 0.2982, 0.3175



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



26.6939, 0.2697, 0.2926



44.7082, 0.2603, 0.2835



20.5578, 0.2659, 0.2538



7.9235, 0.2987, 0.3179



7.4612, 0.1800, 0.1678



0.2831, 0.1962, 0.2263

Inverse Universe

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



23.5586, 0.3413, 0.2926



38.4315, 0.3494, 0.2845



36.1805, 0.3541, 0.3945



7.6052, 0.3208, 0.3173



6.8243, 0.4833, 0.2436



0.1763, 0.4165, 0.2068

Previews

White Background



This preview shows how the Yxy color 26.6928, 0.2697, 0.2926 looks on a white background.

Color Contrast Check

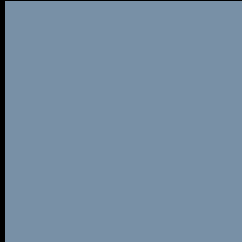
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6928, 0.2697, 0.2926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

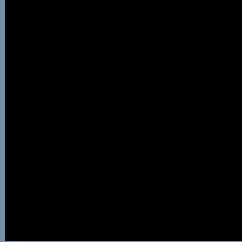
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

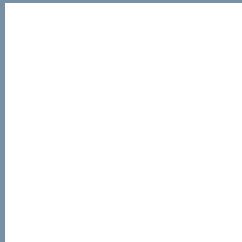
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.6928, 0.2697, 0.2926

Background



This preview shows how black text looks on a background with the Yxy color 26.6928, 0.2697, 0.2926.



This preview shows how white text looks on a background with the Yxy color 26.6928, 0.2697, 0.2926.

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

26.6928, 0.2697, 0.2926

Protanopia

26.7189, 0.2877, 0.2922

Deuteranopia

26.7178, 0.2889, 0.2836



Tritanopia

26.5367, 0.2754, 0.3086

Trichromacy



Original Color

26.6928, 0.2697, 0.2926

Protanomaly

26.5554, 0.2810, 0.2917

Deuteranomaly

26.6145, 0.2812, 0.2858

Tritanomaly

26.7108, 0.2738, 0.3038

Monochromacy



Original Color

26.6928, 0.2697, 0.2926

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.1252, 0.2956, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6928, 0.2697, 0.2926 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(120, 144, 166)` looks like.

```
.text, #text, p{  
    color:rgb(120, 144, 166)  
}
```

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(120, 144, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 144, 166) }
```

Border

The CSS property to change the border of an element to Yxy 26.6928, 0.2697, 0.2926 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(120, 144, 166) }
```

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

```
.border{ border-color:rgb(120, 144, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 144, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 144, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 144, 166);  
box-shadow:4px 4px 4px 4px rgb(120, 144,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6928, 0.2697, 0.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 144, 166) }
```

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

```
.background{ background-color: rgb(120,  
144, 166) }
```

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