

Converting Colors

$Y_{xy}(26.8308, 0.2747, 0.2899)$

Have a look what the booklet for
Yxy(26.8308, 0.2747, 0.2899)
contains.

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Color

Yxy(26.9470, 0.2750, 0.2900)

Conversions

Conversions Part 1

Format	Color
Hex	7F8FA7
RGB	127, 143, 167
RGB Percent	50%, 56%, 65%
CMY	0.5019, 0.4392, 0.3450
CMYK	0.24, 0.14, 0.00, 0.35
HSL	216°, 19%, 58%
HSV	216°, 24%, 65%
XYZ	25.5532, 26.9470, 40.4205
YIQ	140.9520, -17.2400, 4.0720

Conversions

Conversions Part 2

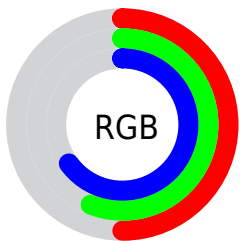
Format	Color
R_{YB}	127, 138, 167
Decimal	8359847
CIE _{Lab}	58.93, -0.25, -14.56
CIE _{LCh}	59, 14.561, 269.021
Yxy	26.9470, 0.2750, 0.2900
Android (android.graphics.Color)	4286549927 (0xFF7F8FA7)
YUV	140.9520, 12.8417, -12.2359
Hunter-Lab	51.9105, -2.9759, -9.8293

Details

The Yxy color $26.9470, 0.2750, 0.2900$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.8964, 0.3531, 0.3651$, and the grayscale version is $26.5721, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.9097, 0.2827, 0.2987$, and $10.6443, 0.2618, 0.2768$ is the 20% darker color. If you saturate the color by 10%, you get $22.8918, 0.2582, 0.2707$, and if you desaturate by 10%, it is $31.4862, 0.2913, 0.3075$.

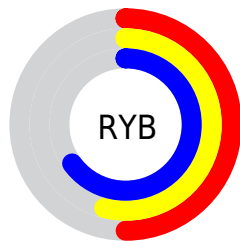
Distribution



Red (50%)

Green (56%)

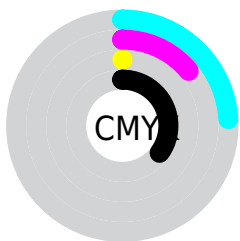
Blue (65%)



Red (50%)

Yellow (54%)

Blue (65%)

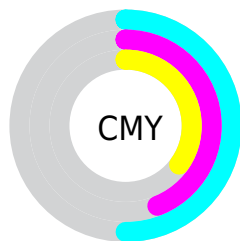


Cyan (24%)

Magenta (14%)

Yellow (0%)

Black (35%)



Cyan (50%)

Magenta (44%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9470, 0.2750, 0.2900 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 26.9470, 0.2750, 0.2900 by changing the saturation by 10% instead.

■ 26.9470, 0.2750,
0.2900

■ 26.9470, 0.2750,
0.2900

■ 287.4004, 0.2954,
0.3111

■ 17.5334, 0.2694,
0.2842

■ 54.7988, 0.2828,
0.2981

■ 10.6155, 0.2618,
0.2763

■ 74.0058, 0.2856,
0.3010

■ 5.8089, 0.2510,
0.2651

■ 97.2461, 0.2879,
0.3034

■ 2.7293, 0.2346,
0.2481

■ 124.9041, 0.2899,
0.3054

■ 0.9921, 0.2072,
0.2195

■ 157.3641, 0.2916,
0.3072

■ 0.0000, 0.0000,
0.0000

195.0105, 0.2930,

0.3087

238.2279, 0.2943,
0.3100

■ 26.9470, 0.2750,
0.2900

■ 26.9470, 0.2750,
0.2900

■ 22.8918, 0.2582,
0.2707

■ 31.4862, 0.2913,
0.3075

■ 19.3000, 0.2412,
0.2499

■ 36.5228, 0.3068,
0.3233

■ 16.1539, 0.2245,
0.2278

■ 42.0734, 0.3214,
0.3373

■ 13.4335, 0.2088,
0.2049

■ 48.1530, 0.3350,
0.3496

■ 11.1166, 0.1947,
0.1820

■ 54.7758, 0.3476,
0.3605

■ 9.1790, 0.1828,
0.1597

■ 61.9557, 0.3591,
0.3700

■ 7.5924, 0.1735,
0.1391

■ 69.7057, 0.3697,
0.3783

■ 6.7705, 0.1687,
0.1274

■ 76.9545, 0.3750,
0.3865

■ 82.4819, 0.3717,
0.3959

Harmonies

Analogous

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



26.9470, 0.2667, 0.3010



26.9470, 0.2750, 0.2900



26.9470, 0.2933, 0.2892

Triad

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



26.9470, 0.2750, 0.2900



26.9470, 0.3573, 0.3348



26.9470, 0.3066, 0.3630

Complementary

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



26.9470, 0.2750, 0.2900



31.8964, 0.3531, 0.3651

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.



26.9470, 0.3310, 0.3722



26.9470, 0.2750, 0.2900



26.9470, 0.3609, 0.3545

Square

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



26.9470, 0.2750, 0.2900



26.9470, 0.3412, 0.3145



26.9470, 0.3511, 0.3686



26.9470, 0.2844, 0.3436

Rectangle

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



26.9470, 0.2750, 0.2900



26.9470, 0.3091, 0.2942



26.9470, 0.3511, 0.3686



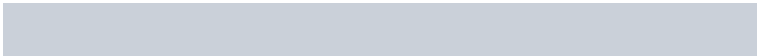
26.9470, 0.3148, 0.3674

Sweetspot

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



26.9481, 0.2750, 0.2900



62.4298, 0.3020, 0.3185



34.3916, 0.2904, 0.3546



13.8555, 0.3011, 0.3176



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.



26.9481, 0.2750, 0.2900



44.0962, 0.2657, 0.2795



22.8020, 0.2769, 0.2638



7.7740, 0.2986, 0.3151



5.2706, 0.1692, 0.1292



0.2288, 0.1881, 0.1972

Inverse Universe

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



25.3846, 0.3422, 0.3049



41.0438, 0.3512, 0.2990



36.9640, 0.3441, 0.3882



7.5901, 0.3226, 0.3200



6.6031, 0.5338, 0.2714



0.1708, 0.4485, 0.2244

Previews

White Background



This preview shows how the Yxy color 26.9470, 0.2750, 0.2900 looks on a white background.

Color Contrast Check

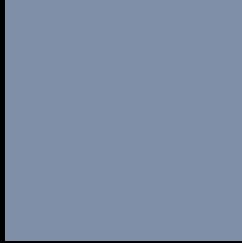
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9470, 0.2750, 0.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

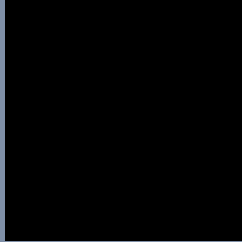
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

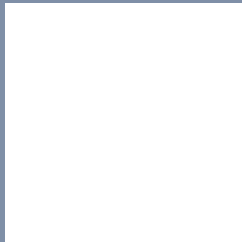
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.9470, 0.2750, 0.2900

Background



This preview shows how black text looks on a background with the Yxy color 26.9470, 0.2750, 0.2900.



This preview shows how white text looks on a background with the Yxy color 26.9470, 0.2750, 0.2900.

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

26.9470, 0.2750, 0.2900

Protanopia

26.7911, 0.2859, 0.2892

Deuteranopia

26.7549, 0.2880, 0.2821



Tritanopia

27.0111, 0.2827, 0.3106

Trichromacy



Original Color

26.9470, 0.2750, 0.2900

Protanomaly

26.7895, 0.2812, 0.2889

Deuteranomaly

26.9017, 0.2832, 0.2847

Tritanomaly

26.9202, 0.2801, 0.3025

Monochromacy



Original Color

26.9470, 0.2750, 0.2900

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.7823, 0.2987, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9470, 0.2750, 0.2900 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(127, 143, 167)` looks like.

```
.text, #text, p{  
    color:rgb(127, 143, 167)  
}
```

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(127, 143, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 143, 167) }
```

Border

The CSS property to change the border of an element to Yxy 26.9470, 0.2750, 0.2900 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(127, 143, 167) }
```

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

```
.border{ border-color:rgb(127, 143, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 143, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 143, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 143, 167);  
box-shadow:4px 4px 4px 4px rgb(127, 143,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9470, 0.2750, 0.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 143, 167) }
```

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

```
.background{ background-color: rgb(127,  
143, 167) }
```

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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