

Converting Colors

$Y_{xy}(26.7863, 0.2372, 0.2431)$

Have a look what the booklet for
Yxy(26.7863, 0.2372, 0.2431)
contains.

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Color

Yxy(26.9103, 0.2374, 0.2439)

Conversions

Conversions Part 1

Format	Color
Hex	6C8FC6
RGB	108, 143, 198
RGB Percent	42%, 56%, 78%
CMY	0.5767, 0.4391, 0.2236
CMYK	0.45, 0.28, 0.00, 0.22
HSL	217°, 44%, 60%
HSV	217°, 45%, 78%
XYZ	26.1931, 26.9103, 57.2299
YIQ	138.8050, -38.5150, 9.6850

Conversions

Conversions Part 2

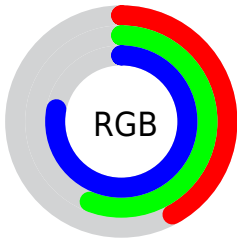
Format	Color
R_{YB}	108, 133, 198
Decimal	7114694
CIE _{Lab}	58.89, 2.57, -32.28
CIE _{LCh}	59, 32.385, 274.551
Yxy	26.9103, 0.2374, 0.2439
Android (android.graphics.Color)	4285304774 (0xFF6C8FC6)
YUV	138.8050, 29.1831, -27.0160
Hunter-Lab	51.8751, -0.6521, -29.0976

Details

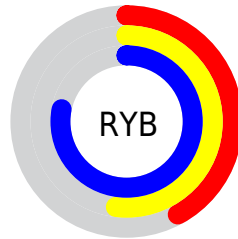
The Yxy color $26.9103, 0.2374, 0.2439$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $39.2490, 0.3986, 0.4005$, and the grayscale version is $25.6333, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.9390, 0.2524, 0.2610$, and $10.5992, 0.2130, 0.2168$ is the 20% darker color. If you saturate the color by 10%, you get $22.3723, 0.2206, 0.2209$, and if you desaturate by 10%, it is $32.1232, 0.2547, 0.2657$.

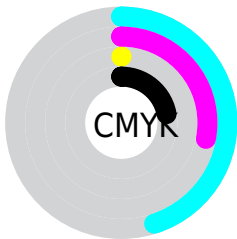
Distribution



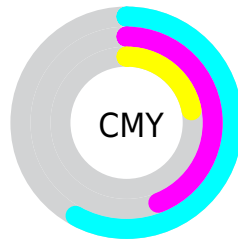
- Red (42%)
- Green (56%)
- Blue (78%)



- Red (42%)
- Yellow (52%)
- Blue (78%)



- Cyan (45%)
- Magenta (28%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9103, 0.2374, 0.2439 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 26.9103, 0.2374, 0.2439 by changing the saturation by 10% instead.

■ 26.9103, 0.2374,
0.2439

■ 26.9103, 0.2374,
0.2439

287.2225, 0.2773,
0.2887

■ 17.5059, 0.2269,
0.2322

■ 54.7399, 0.2524,
0.2606

■ 10.5958, 0.2131,
0.2170

■ 73.9338, 0.2579,
0.2667

■ 5.7958, 0.1944,
0.1966

■ 97.1598, 0.2625,
0.2719

■ 2.7213, 0.1681,
0.1680

■ 124.8020, 0.2664,
0.2763

■ 0.9880, 0.1295,
0.1269

157.2450, 0.2697,
0.2800

■ 0.0000, 0.0000,
0.0000

194.8732, 0.2726,

0.2833

238.0709, 0.2751,
0.2861

■ 26.9103, 0.2374,
0.2439

■ 26.9103, 0.2374,
0.2439

■ 22.3723, 0.2206,
0.2209

■ 32.1232, 0.2547,
0.2657

■ 18.4745, 0.2048,
0.1973

■ 38.0372, 0.2719,
0.2859

■ 15.1831, 0.1909,
0.1739

■ 44.6807, 0.2885,
0.3042

■ 12.4592, 0.1794,
0.1515

■ 52.0796, 0.3044,
0.3207

■ 10.2572, 0.1707,
0.1310

■ 60.2582, 0.3193,
0.3354

■ 9.4006, 0.1673,
0.1224

■ 69.2398, 0.3332,
0.3484

■ 79.0467, 0.3460,
0.3597

■ 87.4868, 0.3497,
0.3708

■ 94.8305, 0.3472,
0.3821

Harmonies

Analogous

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



26.9103, 0.2168, 0.2603



26.9103, 0.2374, 0.2439



26.9103, 0.2781, 0.2479

Triad

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



26.9103, 0.2374, 0.2439



26.9103, 0.4169, 0.3456



26.9103, 0.2873, 0.4019

Complementary

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



26.9103, 0.2374, 0.2439



39.2490, 0.3986, 0.4005

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.



26.9103, 0.3406, 0.4271



26.9103, 0.2374, 0.2439



26.9103, 0.4177, 0.3872

Square

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



26.9103, 0.2374, 0.2439



26.9103, 0.3845, 0.3039



26.9103, 0.3887, 0.4189



26.9103, 0.2433, 0.3511

Rectangle

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



26.9103, 0.2374, 0.2439



26.9103, 0.3133, 0.2605



26.9103, 0.3887, 0.4189



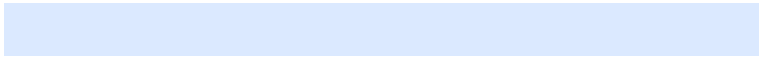
26.9103, 0.3047, 0.4140

Sweetspot

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



26.9113, 0.2374, 0.2439



80.7209, 0.2906, 0.3064



46.1734, 0.2731, 0.3835



16.6939, 0.2870, 0.3026



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



26.9113, 0.2374, 0.2439



39.3649, 0.2200, 0.2201



18.5687, 0.2353, 0.1910



10.9537, 0.2983, 0.3145



6.2698, 0.1680, 0.1249



0.4371, 0.1798, 0.1674

Inverse Universe

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



24.7011, 0.3849, 0.2830



36.3433, 0.4109, 0.2738



52.2790, 0.3715, 0.4426



10.7042, 0.3230, 0.3200



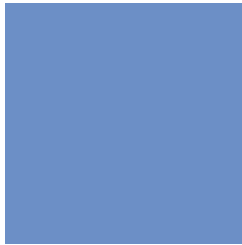
8.1729, 0.5398, 0.2747



0.4011, 0.4839, 0.2439

Previews

White Background



This preview shows how the Yxy color 26.9103, 0.2374, 0.2439 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 26.9103, 0.2374, 0.2439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

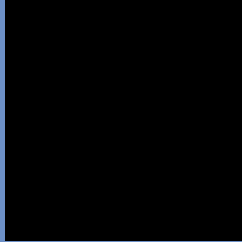
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

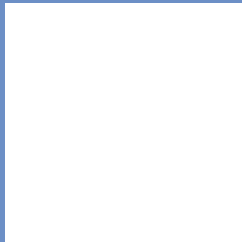
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.9103, 0.2374, 0.2439

Background



This preview shows how black text looks on a background with the Yxy color 26.9103, 0.2374, 0.2439.



This preview shows how white text looks on a background with the Yxy color 26.9103, 0.2374, 0.2439.

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

26.9103, 0.2374, 0.2439

Protanopia

26.7653, 0.2512, 0.2441

Deuteranopia

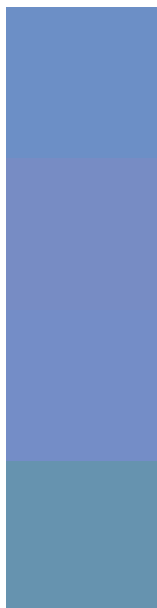
26.9446, 0.2455, 0.2399



Tritanopia

27.0180, 0.2562, 0.3081

Trichromacy



Original Color

26.9103, 0.2374, 0.2439

Protanomaly

26.6636, 0.2460, 0.2434

Deuteranomaly

26.8863, 0.2420, 0.2407

Tritanomaly

26.7874, 0.2492, 0.2822

Monochromacy



Original Color

26.9103, 0.2374, 0.2439

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.8834, 0.2815, 0.2959

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9103, 0.2374, 0.2439 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(108, 143, 198)` looks like.

```
.text, #text, p{  
    color:rgb(108, 143, 198)  
}
```

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(108, 143, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 143, 198) }
```

Border

The CSS property to change the border of an element to Yxy 26.9103, 0.2374, 0.2439 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(108, 143, 198) }
```

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

```
.border{ border-color:rgb(108, 143, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 143, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 143, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 143, 198);  
box-shadow:4px 4px 4px 4px rgb(108, 143,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9103, 0.2374, 0.2439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 143, 198) }
```

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

```
.background{ background-color: rgb(108,  
143, 198) }
```

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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