

Converting Colors

$Y_{xy}(28.2149, 0.2411, 0.2349)$

Have a look what the booklet for
Yxy(28.2149, 0.2411, 0.2349)
contains.

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Color

Yxy(28.2149, 0.2411, 0.2349)

Conversions

Conversions Part 1

Format	Color
Hex	798FCF
RGB	121, 143, 207
RGB Percent	47%, 56%, 81%
CMY	0.5258, 0.4391, 0.1883
CMYK	0.42, 0.31, 0.00, 0.19
HSL	225°, 47%, 64%
HSV	225°, 42%, 81%
XYZ	28.9596, 28.2149, 62.9400
YIQ	143.7180, -33.6560, 15.2400

Conversions

Conversions Part 2

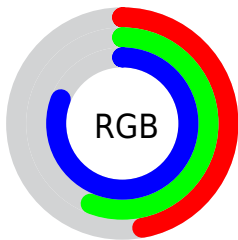
Format	Color
R_{YB}	121, 139, 207
Decimal	7966671
CIE _{Lab}	60.08, 8.51, -35.43
CIE _{LCh}	60, 36.435, 283.506
Y _{xy}	28.2149, 0.2411, 0.2349
Android (android.graphics.Color)	4286156751 (0xFF798FCF)
YUV	143.7180, 31.1980, -19.9237
Hunter-Lab	53.1177, 4.3617, -33.0713

Details

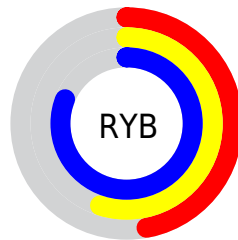
The Yxy color **28.2149, 0.2411, 0.2349** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.2879, 0.3846, 0.4076**, and the grayscale version is **27.6482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.3826, 0.2603, 0.2624**, and **11.2890, 0.2185, 0.2074** is the 20% darker color. If you saturate the color by 10%, you get **22.5718, 0.2224, 0.2073**, and if you desaturate by 10%, it is **34.8142, 0.2598, 0.2610**.

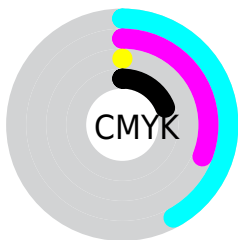
Distribution



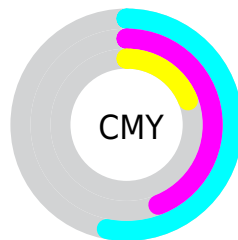
- Red (47%)
- Green (56%)
- Blue (81%)



- Red (47%)
- Yellow (55%)
- Blue (81%)



- Cyan (42%)
- Magenta (31%)
- Yellow (0%)
- Black (19%)



- Cyan (53%)
- Magenta (44%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.2149, 0.2411, 0.2349 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 28.2149, 0.2411, 0.2349 by changing the saturation by 10% instead.

■ 28.2149, 0.2411,
0.2349

■ 28.2149, 0.2411,
0.2349

■ 293.4924, 0.2790,
0.2833

■ 18.4877, 0.2312,
0.2227

■ 56.8274, 0.2553,
0.2527

■ 11.3007, 0.2182,
0.2069

■ 76.4814, 0.2605,
0.2593

■ 6.2695, 0.2008,
0.1862

■ 100.2132, 0.2648,
0.2649

■ 3.0096, 0.1763,
0.1581

■ 128.4072, 0.2685,
0.2697

■ 1.1368, 0.1408,
0.1190

■ 161.4477, 0.2717,
0.2738

■ 0.0091, 0.0592,
0.0025

■ 199.7191, 0.2745,

■ 0.0000, 0.0000,

0.2774

0.0000

243.6059, 0.2769,
0.2805

■ 28.2149, 0.2411,
0.2349

■ 28.2149, 0.2411,
0.2349

■ 22.5718, 0.2224,
0.2073

■ 34.8142, 0.2598,
0.2610

■ 17.8353, 0.2044,
0.1791

■ 42.4094, 0.2778,
0.2851

■ 13.9560, 0.1881,
0.1516

■ 51.0420, 0.2947,
0.3068

■ 10.8779, 0.1744,
0.1261

■ 60.7499, 0.3104,
0.3262

■ 8.5375, 0.1642,
0.1042

■ 71.5691, 0.3247,
0.3432

■ 7.0656, 0.1581,
0.0891

■ 83.5341, 0.3376,
0.3581

■ 94.5699, 0.3419,
0.3721

■ 97.2842, 0.3412,
0.3761

Harmonies

Analogous

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



28.2149, 0.2119, 0.2454



28.2149, 0.2411, 0.2349



28.2149, 0.2910, 0.2455

Triad

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



28.2149, 0.2411, 0.2349



28.2149, 0.4321, 0.3603



28.2149, 0.2681, 0.3954

Complementary

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



28.2149, 0.2411, 0.2349



49.2879, 0.3846, 0.4076

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.



28.2149, 0.3251, 0.4342



28.2149, 0.2411, 0.2349



28.2149, 0.4218, 0.4043

Square

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



28.2149, 0.2411, 0.2349



28.2149, 0.4062, 0.3141



28.2149, 0.3816, 0.4344



28.2149, 0.2256, 0.3345

Rectangle

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



28.2149, 0.2411, 0.2349



28.2149, 0.3316, 0.2625



28.2149, 0.3816, 0.4344



28.2149, 0.2861, 0.4121

Sweetspot

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



28.2159, 0.2411, 0.2349



80.9910, 0.2938, 0.3057



52.1388, 0.2690, 0.3612



16.9257, 0.2916, 0.3029



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.



28.2159, 0.2411, 0.2349



36.9989, 0.2242, 0.2100



23.8221, 0.2528, 0.2072



11.9043, 0.2982, 0.3112



4.5829, 0.1587, 0.0913



0.3863, 0.1688, 0.1277

Inverse Universe

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



28.9020, 0.3907, 0.3010



39.1150, 0.4174, 0.2955



56.5485, 0.3575, 0.4373



11.8574, 0.3251, 0.3230



8.5339, 0.5892, 0.3019



0.4903, 0.5358, 0.2725

Previews

White Background



This preview shows how the Yxy color 28.2149, 0.2411, 0.2349 looks on a white background.

Color Contrast Check

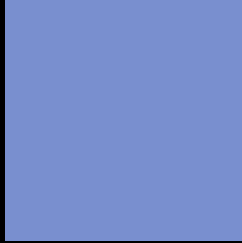
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2149, 0.2411, 0.2349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

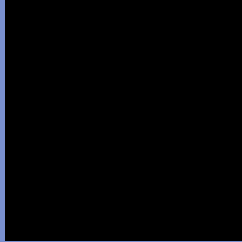
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2149, 0.2411, 0.2349

Background



This preview shows how black text looks on a background with the Yxy color 28.2149, 0.2411, 0.2349.



This preview shows how white text looks on a background with the Yxy color 28.2149, 0.2411, 0.2349.

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

28.2149, 0.2411, 0.2349

Protanopia

28.0873, 0.2437, 0.2351

Deuteranopia

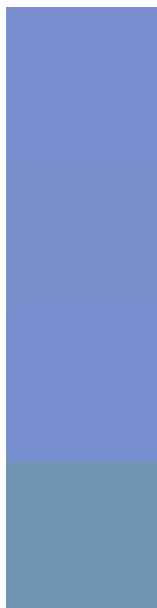
28.1430, 0.2404, 0.2347



Tritanopia

28.1286, 0.2642, 0.3071

Trichromacy



Original Color

28.2149, 0.2411, 0.2349

Protanomaly

28.0132, 0.2430, 0.2349

Deuteranomaly

28.1430, 0.2404, 0.2347

Tritanomaly

28.0525, 0.2550, 0.2776

Monochromacy



Original Color

28.2149, 0.2411, 0.2349

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.9708, 0.2835, 0.2926

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2149, 0.2411, 0.2349 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(121, 143, 207)` looks like.

```
.text, #text, p{  
    color:rgb(121, 143, 207)  
}
```

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(121, 143, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 143, 207) }
```

Border

The CSS property to change the border of an element to Yxy 28.2149, 0.2411, 0.2349 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(121, 143, 207) }
```

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

```
.border{ border-color:rgb(121, 143, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 143, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 143, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 143, 207); box-shadow:4px 4px 4px 4px rgb(121, 143, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2149, 0.2411, 0.2349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 143, 207) }
```

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

```
.background{ background-color: rgb(121,  
143, 207) }
```

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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