

Converting Colors

$Y_{xy}(41.1161, 0.2603, 0.2799)$

Have a look what the booklet for
Yxy(41.1161, 0.2603, 0.2799)
contains.

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Color

Yxy(41.1139, 0.2603, 0.2799)

Conversions

Conversions Part 1

Format	Color
Hex	8EAFD3
RGB	142, 175, 211
RGB Percent	56%, 69%, 83%
CMY	0.4433, 0.3137, 0.1726
CMYK	0.33, 0.17, 0.00, 0.17
HSL	211°, 44%, 69%
HSV	211°, 33%, 83%
XYZ	38.2349, 41.1139, 67.5390
YIQ	169.2370, -31.2240, 4.2000

Conversions

Conversions Part 2

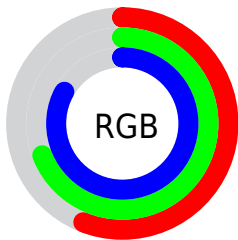
Format	Color
RYB	142, 164, 211
Decimal	9351123
CIELab	70.26, -2.69, -21.85
CIElCh	70, 22.015, 262.977
Yxy	41.1139, 0.2603, 0.2799
Android (android.graphics.Color)	4287541203 (0xFF8EAFD3)
YUV	169.2370, 20.5892, -23.8868
Hunter-Lab	64.1201, -5.7705, -17.5673

Details

The Yxy color **41.1139, 0.2603, 0.2799** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **47.6068, 0.3737, 0.3734**, and the grayscale version is **39.7034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6839, 0.2768, 0.3020**, and **18.6901, 0.2456, 0.2668** is the 20% darker color. If you saturate the color by 10%, you get **35.3164, 0.2439, 0.2618**, and if you desaturate by 10%, it is **47.6161, 0.2768, 0.2966**.

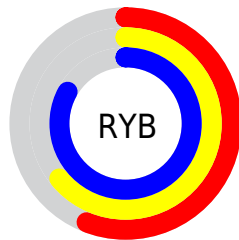
Distribution



Red (56%)

Green (69%)

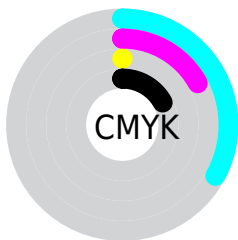
Blue (83%)



Red (56%)

Yellow (64%)

Blue (83%)

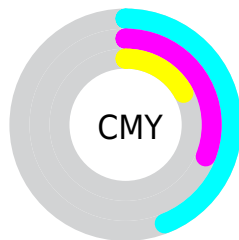


Cyan (33%)

Magenta (17%)

Yellow (0%)

Black (17%)



Cyan (44%)

Magenta (31%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1139, 0.2603, 0.2799 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 41.1139, 0.2603, 0.2799 by changing the saturation by 10% instead.

■ 41.1139, 0.2603,
0.2799

■ 41.1139, 0.2603,
0.2799

350.7964, 0.2866,
0.3047

■ 28.4081, 0.2538,
0.2737

■ 76.8568, 0.2698,
0.2890

■ 18.6335, 0.2454,
0.2656

■ 100.6626, 0.2734,
0.2924

■ 11.4058, 0.2344,
0.2550

128.9373, 0.2765,
0.2952

■ 6.3405, 0.2191,
0.2402

162.0651, 0.2791,
0.2977

■ 3.0532, 0.1971,
0.2184

200.4306, 0.2813,
0.2998

■ 1.1596, 0.1627,
0.1841

244.4180, 0.2833,

■ 0.0283, 0.0000,

0.3017

0.0165

294.4118, 0.2850,
0.3033

0.0000, 0.0000,
0.0000

41.1139, 0.2603,
0.2799

41.1139, 0.2603,
0.2799

35.3164, 0.2439,
0.2618

47.6161, 0.2768,
0.2966

30.1907, 0.2279,
0.2425

54.8447, 0.2930,
0.3119

25.7077, 0.2130,
0.2223

62.8260, 0.3086,
0.3255

21.8339, 0.1997,
0.2019

71.5837, 0.3234,
0.3377

18.5318, 0.1886,
0.1818

81.1401, 0.3374,
0.3485

■ 15.7575, 0.1799,
0.1626

■ 88.8573, 0.3410,
0.3588

■ 14.0215, 0.1748,
0.1493

■ 95.5619, 0.3392,
0.3693

■ 97.4825, 0.3388,
0.3721

Harmonies

Analogous

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



41.1139, 0.2526, 0.2963



41.1139, 0.2603, 0.2799



41.1139, 0.2816, 0.2766

Triad

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



41.1139, 0.2603, 0.2799



41.1139, 0.3684, 0.3305



41.1139, 0.3108, 0.3781

Complementary

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



41.1139, 0.2603, 0.2799



47.6068, 0.3737, 0.3734

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.



41.1139, 0.3424, 0.3865



41.1139, 0.2603, 0.2799



41.1139, 0.3768, 0.3568

Square

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



41.1139, 0.2603, 0.2799



41.1139, 0.3442, 0.3051



41.1139, 0.3669, 0.3778



41.1139, 0.2807, 0.3542

Rectangle

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



41.1139, 0.2603, 0.2799



41.1139, 0.3013, 0.2815



41.1139, 0.3669, 0.3778



41.1139, 0.3216, 0.3829

Sweetspot

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



41.1155, 0.2603, 0.2799



87.2946, 0.2971, 0.3156



55.5272, 0.2860, 0.3743



18.3231, 0.2949, 0.3136



0.0000, 0.0000, 0.0000



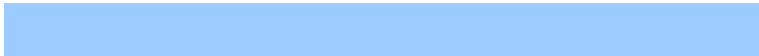
21.4041, 0.3127, 0.3290

Same Dimension

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



41.1155, 0.2603, 0.2799



57.0426, 0.2492, 0.2679



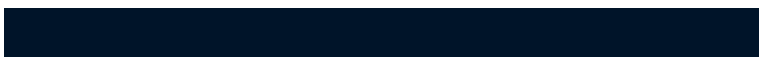
29.8820, 0.2554, 0.2329



12.3386, 0.2982, 0.3166



8.6660, 0.1756, 0.1520



0.6430, 0.1851, 0.1863

Inverse Universe

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



36.2737, 0.3519, 0.2884



49.2068, 0.3632, 0.2799



62.2109, 0.3608, 0.4103



11.9012, 0.3217, 0.3179



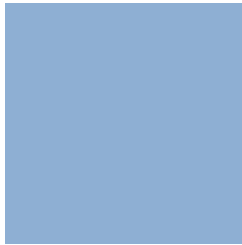
8.9461, 0.5033, 0.2546



0.5162, 0.4611, 0.2314

Previews

White Background



This preview shows how the Yxy color 41.1139, 0.2603, 0.2799 looks on a white background.

Color Contrast Check

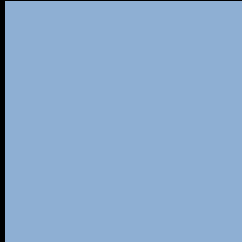
Large Text (above 18pt) WCAG AA × Fail

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 41.1139, 0.2603, 0.2799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

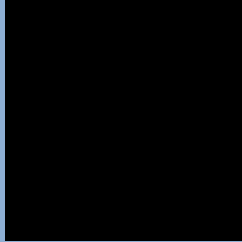
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

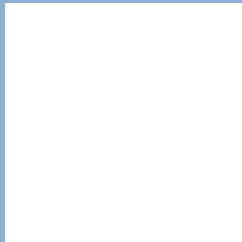
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1139, 0.2603, 0.2799

Background



This preview shows how black text looks on a background with the Yxy color 41.1139, 0.2603, 0.2799.



This preview shows how white text looks on a background with the Yxy color 41.1139, 0.2603, 0.2799.

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

41.1139, 0.2603, 0.2799

Protanopia

41.0410, 0.2779, 0.2800

Deuteranopia

40.9742, 0.2774, 0.2717



Tritanopia

41.0498, 0.2703, 0.3090

Trichromacy



Original Color

41.1139, 0.2603, 0.2799

Protanomaly

41.0277, 0.2713, 0.2807

Deuteranomaly

41.1484, 0.2707, 0.2747

Tritanomaly

41.0568, 0.2662, 0.2980

Monochromacy



Original Color

41.1139, 0.2603, 0.2799

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.9574, 0.2918, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1139, 0.2603, 0.2799 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(142, 175, 211)` looks like.

```
.text, #text, p{  
    color:rgb(142, 175, 211)  
}
```

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(142, 175, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 175, 211) }
```

Border

The CSS property to change the border of an element to Yxy 41.1139, 0.2603, 0.2799 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(142, 175, 211) }
```

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

```
.border{ border-color:rgb(142, 175, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 175, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 175, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 175, 211);  
box-shadow:4px 4px 4px 4px rgb(142, 175,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1139, 0.2603, 0.2799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 175, 211) }
```

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

```
.background{ background-color: rgb(142,  
175, 211) }
```

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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