

Converting Colors

$Yxy(41.9371, 0.2620, 0.2840)$

Have a look what the booklet for
Yxy(41.9371, 0.2620, 0.2840)
contains.

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Color

Yxy(41.9371, 0.2620, 0.2840)

Conversions

Conversions Part 1

Format	Color
Hex	8FB1D2
RGB	143, 177, 210
RGB Percent	56%, 69%, 82%
CMY	0.4391, 0.3059, 0.1764
CMYK	0.32, 0.16, 0.00, 0.18
HSL	210°, 43%, 69%
HSV	210°, 32%, 82%
XYZ	38.6885, 41.9371, 67.0403
YIQ	170.5960, -30.8570, 3.0550

Conversions

Conversions Part 2

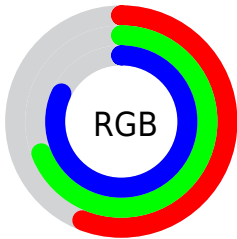
Format	Color
RYB	143, 166, 210
Decimal	9417170
CIELab	70.83, -3.70, -20.44
CIElCh	71, 20.776, 259.733
Yxy	41.9371, 0.2620, 0.2840
Android (android.graphics.Color)	4287607250 (0xFF8FB1D2)
YUV	170.5960, 19.4262, -24.2017
Hunter-Lab	64.7589, -6.6879, -16.0476

Details

The Yxy color **41.9371, 0.2620, 0.2840** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **46.7623, 0.3725, 0.3700**, and the grayscale version is **40.4282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5036, 0.2777, 0.3053**, and **19.2074, 0.2479, 0.2726** is the 20% darker color. If you saturate the color by 10%, you get **36.2997, 0.2458, 0.2670**, and if you desaturate by 10%, it is **48.2391, 0.2783, 0.2997**.

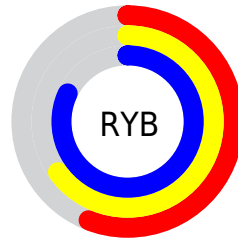
Distribution



Red (56%)

Green (69%)

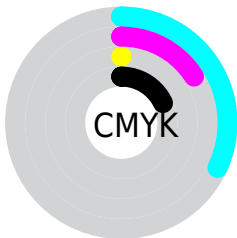
Blue (82%)



Red (56%)

Yellow (65%)

Blue (82%)

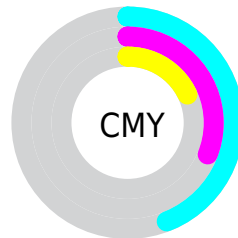


Cyan (32%)

Magenta (16%)

Yellow (0%)

Black (18%)



Cyan (44%)

Magenta (31%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.9371, 0.2620, 0.2840 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 41.9371, 0.2620, 0.2840 by changing the saturation by 10% instead.

■ 41.9371, 0.2620,
0.2840

■ 41.9371, 0.2620,
0.2840

354.2221, 0.2874,
0.3068

■ 29.0520, 0.2557,
0.2783

■ 78.1044, 0.2712,
0.2923

■ 19.1202, 0.2477,
0.2709

■ 102.1555, 0.2747,
0.2954

■ 11.7572, 0.2370,
0.2611

130.6973, 0.2776,
0.2981

■ 6.5785, 0.2224,
0.2474

164.1143, 0.2801,
0.3003

■ 3.2000, 0.2012,
0.2272

202.7909, 0.2823,
0.3023

■ 1.2370, 0.1681,
0.1951

247.1115, 0.2842,

■ 0.0916, 0.0000,

0.3040

0.0527

297.4604, 0.2859,
0.3055

0.0000, 0.0000,
0.0000

41.9371, 0.2620,
0.2840

41.9371, 0.2620,
0.2840

36.2997, 0.2458,
0.2670

48.2391, 0.2783,
0.2997

31.2954, 0.2302,
0.2489

55.2255, 0.2943,
0.3139

26.8974, 0.2156,
0.2300

62.9212, 0.3098,
0.3267

23.0741, 0.2026,
0.2107

71.3482, 0.3247,
0.3381

19.7903, 0.1916,
0.1915

80.5275, 0.3387,
0.3482

■ 17.0050, 0.1829,
0.1730

■ 87.7174, 0.3420,
0.3580

■ 15.0606, 0.1774,
0.1587

■ 93.9591, 0.3402,
0.3679

■ 97.4341, 0.3394,
0.3730

Harmonies

Analogous

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



41.9371, 0.2562, 0.3008



41.9371, 0.2620, 0.2840



41.9371, 0.2808, 0.2794

Triad

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



41.9371, 0.2620, 0.2840



41.9371, 0.3631, 0.3278



41.9371, 0.3143, 0.3765

Complementary

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



41.9371, 0.2620, 0.2840



46.7623, 0.3725, 0.3700

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.



41.9371, 0.3436, 0.3826



41.9371, 0.2620, 0.2840



41.9371, 0.3727, 0.3528

Square

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



41.9371, 0.2620, 0.2840



41.9371, 0.3392, 0.3043



41.9371, 0.3653, 0.3732



41.9371, 0.2855, 0.3555

Rectangle

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



41.9371, 0.2620, 0.2840



41.9371, 0.2988, 0.2832



41.9371, 0.3653, 0.3732



41.9371, 0.3244, 0.3804

Sweetspot

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



41.9388, 0.2620, 0.2840



87.7198, 0.2971, 0.3163



55.0567, 0.2880, 0.3761



18.4258, 0.2949, 0.3144



0.0000, 0.0000, 0.0000



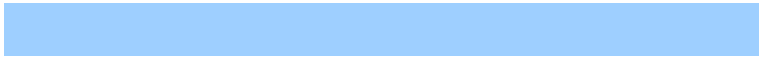
21.4041, 0.3127, 0.3290

Same Dimension

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



41.9388, 0.2620, 0.2840



59.2348, 0.2514, 0.2730



30.4887, 0.2564, 0.2371



12.3942, 0.2982, 0.3172



9.3867, 0.1781, 0.1612



0.6835, 0.1873, 0.1942

Inverse Universe

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



36.5336, 0.3487, 0.2872



50.2639, 0.3589, 0.2785



61.2420, 0.3609, 0.4069



11.9068, 0.3212, 0.3173



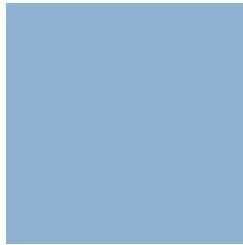
9.0189, 0.4915, 0.2481



0.5203, 0.4519, 0.2263

Previews

White Background



This preview shows how the Yxy color 41.9371, 0.2620, 0.2840 looks on a white background.

Color Contrast Check

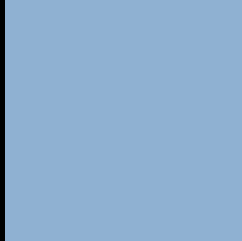
Large Text (above 18pt) WCAG AA × Fail

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 41.9371, 0.2620, 0.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

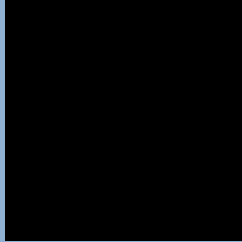
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

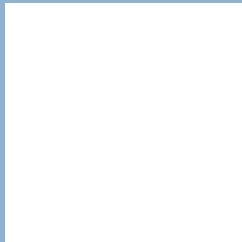
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.9371, 0.2620, 0.2840

Background



This preview shows how black text looks on a background with the Yxy color 41.9371, 0.2620, 0.2840.



This preview shows how white text looks on a background with the Yxy color 41.9371, 0.2620, 0.2840.

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

41.9371, 0.2620, 0.2840

Protanopia

41.6890, 0.2811, 0.2829

Deuteranopia

41.6754, 0.2798, 0.2734



Tritanopia

42.0265, 0.2700, 0.3091

Trichromacy



Original Color

41.9371, 0.2620, 0.2840

Protanomaly

41.6612, 0.2744, 0.2836

Deuteranomaly

41.6818, 0.2730, 0.2775

Tritanomaly

41.9858, 0.2666, 0.2996

Monochromacy



Original Color

41.9371, 0.2620, 0.2840

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.9670, 0.2928, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9371, 0.2620, 0.2840 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(143, 177, 210)` looks like.

```
.text, #text, p{  
    color:rgb(143, 177, 210)  
}
```

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(143, 177, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 177, 210) }
```

Border

The CSS property to change the border of an element to Yxy 41.9371, 0.2620, 0.2840 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(143, 177, 210) }
```

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

```
.border{ border-color:rgb(143, 177, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 177, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 177, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 177, 210);  
box-shadow:4px 4px 4px 4px rgb(143, 177,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9371, 0.2620, 0.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 177, 210) }
```

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

```
.background{ background-color: rgb(143,  
177, 210) }
```

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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