

Converting Colors

$Y_{xy}(41.1144, 0.2819, 0.2931)$

Have a look what the booklet for
Yxy(41.1144, 0.2819, 0.2931)
contains.

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Color

Yxy(41.1022, 0.2815, 0.2925)

Conversions

Conversions Part 1

Format	Color
Hex	A0ACC7
RGB	160, 172, 199
RGB Percent	63%, 67%, 78%
CMY	0.3725, 0.3255, 0.2197
CMYK	0.20, 0.14, 0.00, 0.22
HSL	222°, 26%, 70%
HSV	222°, 20%, 78%
XYZ	39.5565, 41.1022, 59.8617
YIQ	171.4900, -15.8190, 5.8530

Conversions

Conversions Part 2

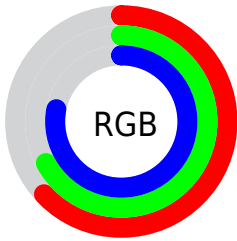
Format	Color
RYB	160, 169, 199
Decimal	10529991
CIELab	70.25, 1.55, -15.14
CIELCh	70, 15.219, 275.838
Yxy	41.1022, 0.2815, 0.2925
Android (android.graphics.Color)	4288720071 (0xFFA0ACC7)
YUV	171.4900, 13.5624, -10.0767
Hunter-Lab	64.1110, -2.0598, -10.4825

Details

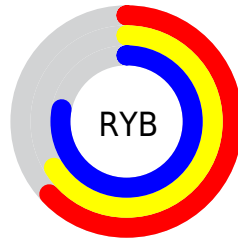
The Yxy color **41.1022, 0.2815, 0.2925** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.2045, 0.3446, 0.3630**, and the grayscale version is **40.9212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6052, 0.2877, 0.2996**, and **18.6654, 0.2724, 0.2823** is the 20% darker color. If you saturate the color by 10%, you get **34.2417, 0.2641, 0.2707**, and if you desaturate by 10%, it is **48.8374, 0.2980, 0.3122**.

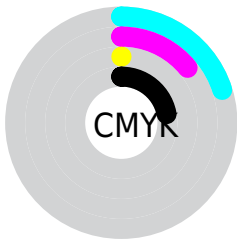
Distribution



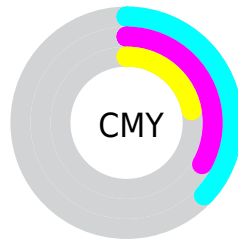
- Red (63%)
- Green (67%)
- Blue (78%)



- Red (63%)
- Yellow (66%)
- Blue (78%)



- Cyan (20%)
- Magenta (14%)
- Yellow (0%)
- Black (22%)



- Cyan (37%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1022, 0.2815, 0.2925 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 41.1022, 0.2815, 0.2925 by changing the saturation by 10% instead.

■ 41.1022, 0.2815,
0.2925

■ 41.1022, 0.2815,
0.2925

350.7476, 0.2973,
0.3109

■ 28.3989, 0.2775,
0.2879

■ 76.8390, 0.2873,
0.2992

■ 18.6266, 0.2723,
0.2819

■ 100.6414, 0.2895,
0.3018

■ 11.4008, 0.2653,
0.2739

128.9122, 0.2913,
0.3039

■ 6.3371, 0.2555,
0.2627

162.0359, 0.2929,
0.3057

■ 3.0511, 0.2408,
0.2459

200.3969, 0.2942,
0.3073

■ 1.1585, 0.2163,
0.2184

244.3796, 0.2954,

■ 0.0274, 0.0539,

0.3086

0.0231

294.3684, 0.2964,
0.3099

0.0000, 0.0000,
0.0000

41.1022, 0.2815,
0.2925

41.1022, 0.2815,
0.2925

34.2417, 0.2641,
0.2707

48.8374, 0.2980,
0.3122

28.2187, 0.2460,
0.2468

57.4725, 0.3133,
0.3297

23.0009, 0.2279,
0.2214

67.0380, 0.3274,
0.3451

18.5516, 0.2103,
0.1951

77.5613, 0.3403,
0.3586

14.8310, 0.1942,
0.1688

88.2066, 0.3488,
0.3709

■ 11.7953, 0.1804,
0.1436

■ 96.6626, 0.3461,
0.3837

■ 9.3950, 0.1695,
0.1209

■ 96.9021, 0.3460,
0.3840

■ 7.5562, 0.1616,
0.1015

■ 7.4886, 0.1613,
0.1008

Harmonies

Analogous

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



41.1022, 0.2716, 0.3006



41.1022, 0.2815, 0.2925



41.1022, 0.2998, 0.2938

Triad

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



41.1022, 0.2815, 0.2925



41.1022, 0.3550, 0.3387



41.1022, 0.3022, 0.3564

Complementary

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



41.1022, 0.2815, 0.2925



50.2045, 0.3446, 0.3630

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.



41.1022, 0.3245, 0.3672



41.1022, 0.2815, 0.2925



41.1022, 0.3555, 0.3558

Square

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



41.1022, 0.2815, 0.2925



41.1022, 0.3427, 0.3198



41.1022, 0.3441, 0.3666



41.1022, 0.2832, 0.3376

Rectangle

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



41.1022, 0.2815, 0.2925



41.1022, 0.3147, 0.2996



41.1022, 0.3441, 0.3666



41.1022, 0.3096, 0.3612

Sweetspot

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



41.1039, 0.2815, 0.2925



90.6421, 0.3035, 0.3185



51.8789, 0.2918, 0.3453



19.1908, 0.3025, 0.3174



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.



41.1039, 0.2815, 0.2925



67.3042, 0.2750, 0.2845



37.4986, 0.2866, 0.2766



10.8114, 0.2983, 0.3126



4.9547, 0.1620, 0.1032



0.3647, 0.1740, 0.1464

Inverse Universe

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



40.2612, 0.3395, 0.3137



65.7740, 0.3459, 0.3106



54.5545, 0.3359, 0.3782



10.6898, 0.3242, 0.3219



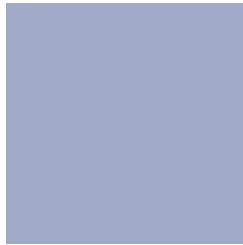
8.0402, 0.5711, 0.2920



0.3938, 0.5106, 0.2586

Previews

White Background



This preview shows how the Yxy color 41.1022, 0.2815, 0.2925 looks on a white background.

Color Contrast Check

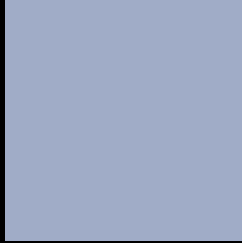
Large Text (above 18pt) WCAG AA × Fail

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 41.1022, 0.2815, 0.2925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

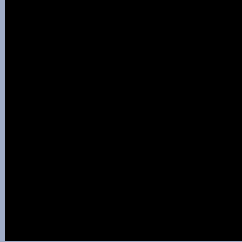
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

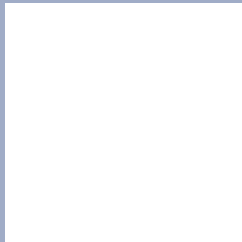
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1022, 0.2815, 0.2925

Background



This preview shows how black text looks on a background with the Yxy color 41.1022, 0.2815, 0.2925.



This preview shows how white text looks on a background with the Yxy color 41.1022, 0.2815, 0.2925.

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

41.1022, 0.2815, 0.2925

Protanopia

41.0422, 0.2878, 0.2916

Deuteranopia

40.9215, 0.2928, 0.2858



Tritanopia

41.1720, 0.2881, 0.3096

Trichromacy



Original Color

41.1022, 0.2815, 0.2925

Protanomaly

41.0956, 0.2854, 0.2927

Deuteranomaly

41.0921, 0.2887, 0.2880

Tritanomaly

41.0638, 0.2859, 0.3029

Monochromacy



Original Color

41.1022, 0.2815, 0.2925

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.6775, 0.3010, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1022, 0.2815, 0.2925 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(160, 172, 199)` looks like.

```
.text, #text, p{  
    color:rgb(160, 172, 199)  
}
```

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(160, 172, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 172, 199) }
```

Border

The CSS property to change the border of an element to Yxy 41.1022, 0.2815, 0.2925 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(160, 172, 199) }
```

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

```
.border{ border-color:rgb(160, 172, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 172, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 172, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 172, 199);  
box-shadow:4px 4px 4px 4px rgb(160, 172,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1022, 0.2815, 0.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 172, 199) }
```

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

```
.background{ background-color: rgb(160,  
172, 199) }
```

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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