

Converting Colors

$Y_{xy}(41.2773, 0.2769, 0.2931)$

Have a look what the booklet for
Yxy(41.2773, 0.2769, 0.2931)
contains.

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Color

Yxy(41.4108, 0.2770, 0.2936)

Conversions

Conversions Part 1

Format	Color
Hex	9BAEC8
RGB	155, 174, 200
RGB Percent	61%, 68%, 78%
CMY	0.3924, 0.3176, 0.2158
CMYK	0.23, 0.13, 0.00, 0.22
HSL	215°, 29%, 70%
HSV	215°, 23%, 78%
XYZ	39.0695, 41.4108, 60.5647
YIQ	171.2830, -19.6700, 4.0580

Conversions

Conversions Part 2

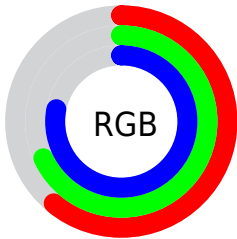
Format	Color
R _Y B	155, 168, 200
Decimal	10202824
CIE Lab	70.46, -0.92, -15.41
CIE LCh	70, 15.435, 266.589
Yxy	41.4108, 0.2770, 0.2936
Android (android.graphics.Color)	4288392904 (0xFF9BAEC8)
YUV	171.2830, 14.1575, -14.2802
Hunter-Lab	64.3512, -4.2422, -10.7554

Details

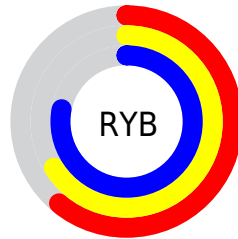
The Yxy color **41.4108, 0.2770, 0.2936** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.6526, 0.3512, 0.3620**, and the grayscale version is **40.8056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9603, 0.2846, 0.3015**, and **18.8780, 0.2667, 0.2838** is the 20% darker color. If you saturate the color by 10%, you get **35.3300, 0.2602, 0.2751**, and if you desaturate by 10%, it is **48.2050, 0.2933, 0.3104**.

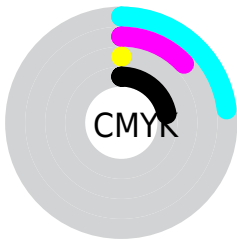
Distribution



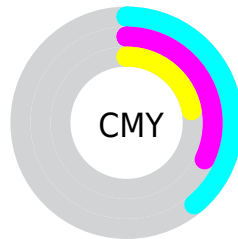
- Red (61%)
- Green (68%)
- Blue (78%)



- Red (61%)
- Yellow (66%)
- Blue (78%)



- Cyan (23%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (39%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.4108, 0.2770, 0.2936 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 41.4108, 0.2770, 0.2936 by changing the saturation by 10% instead.

■ 41.4108, 0.2770,
0.2936

■ 41.4108, 0.2770,
0.2936

352.0346, 0.2950,
0.3115

■ 28.6402, 0.2725,
0.2891

■ 77.3071, 0.2836,
0.3002

■ 18.8088, 0.2666,
0.2832

■ 101.2016, 0.2861,
0.3026

■ 11.5322, 0.2588,
0.2754

129.5729, 0.2881,
0.3047

■ 6.4260, 0.2478,
0.2643

162.8054, 0.2899,
0.3065

■ 3.1058, 0.2314,
0.2478

201.2834, 0.2915,
0.3080

■ 1.1872, 0.2046,
0.2206

245.3913, 0.2928,

■ 0.0512, 0.0215,

0.3093

0.0420

295.5136, 0.2940,
0.3105

0.0000, 0.0000,
0.0000

41.4108, 0.2770,
0.2936

41.4108, 0.2770,
0.2936

35.3300, 0.2602,
0.2751

48.2050, 0.2933,
0.3104

29.9318, 0.2432,
0.2550

55.7318, 0.3089,
0.3255

25.1906, 0.2266,
0.2336

64.0158, 0.3236,
0.3389

21.0766, 0.2109,
0.2114

73.0790, 0.3373,
0.3507

17.5577, 0.1968,
0.1890

82.9422, 0.3500,
0.3610

■ 14.5977, 0.1849,
0.1671

■ 89.6462, 0.3477,
0.3721

■ 12.1549, 0.1756,
0.1466

■ 96.7722, 0.3454,
0.3828

■ 10.6176, 0.1701,
0.1323

■ 96.9492, 0.3454,
0.3830

Harmonies

Analogous

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



41.4108, 0.2701, 0.3046



41.4108, 0.2770, 0.2936



41.4108, 0.2933, 0.2920

Triad

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



41.4108, 0.2770, 0.2936



41.4108, 0.3528, 0.3328



41.4108, 0.3090, 0.3612

Complementary

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



41.4108, 0.2770, 0.2936



47.6526, 0.3512, 0.3620

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.



41.4108, 0.3313, 0.3687



41.4108, 0.2770, 0.2936



41.4108, 0.3572, 0.3512

Square

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



41.4108, 0.2770, 0.2936



41.4108, 0.3373, 0.3142



41.4108, 0.3491, 0.3646



41.4108, 0.2881, 0.3441

Rectangle

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



41.4108, 0.2770, 0.2936



41.4108, 0.3076, 0.2961



41.4108, 0.3491, 0.3646



41.4108, 0.3165, 0.3650

Sweetspot

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



41.4125, 0.2770, 0.2936



90.3795, 0.3019, 0.3188



51.5773, 0.2924, 0.3553



19.1739, 0.3009, 0.3179



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.



41.4125, 0.2770, 0.2936



66.4356, 0.2688, 0.2848



34.8592, 0.2775, 0.2670



11.0135, 0.2983, 0.3153



6.9219, 0.1708, 0.1349



0.4706, 0.1824, 0.1764

Inverse Universe

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



38.7592, 0.3394, 0.3047



61.3632, 0.3468, 0.2992



55.5316, 0.3438, 0.3851



10.7102, 0.3224, 0.3193



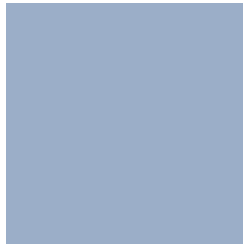
8.2388, 0.5259, 0.2671



0.4045, 0.4728, 0.2378

Previews

White Background



This preview shows how the Yxy color 41.4108, 0.2770, 0.2936 looks on a white background.

Color Contrast Check

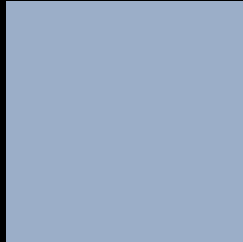
Large Text (above 18pt) WCAG AA × Fail

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 41.4108, 0.2770, 0.2936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

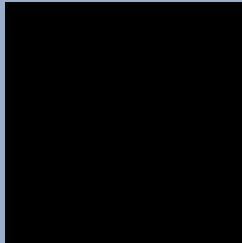
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

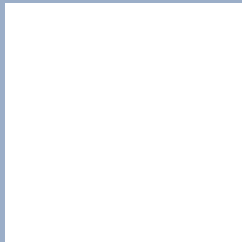
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.4108, 0.2770, 0.2936

Background



This preview shows how black text looks on a background with the Yxy color 41.4108, 0.2770, 0.2936.



This preview shows how white text looks on a background with the Yxy color 41.4108, 0.2770, 0.2936.

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

41.4108, 0.2770, 0.2936

Protanopia

41.4185, 0.2878, 0.2929

Deuteranopia

41.3363, 0.2921, 0.2859



Tritanopia

41.5407, 0.2828, 0.3095

Trichromacy



Original Color

41.4108, 0.2770, 0.2936

Protanomaly

41.4151, 0.2839, 0.2927

Deuteranomaly

41.2913, 0.2863, 0.2879

Tritanomaly

41.4250, 0.2806, 0.3027

Monochromacy



Original Color

41.4108, 0.2770, 0.2936

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.8818, 0.2985, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4108, 0.2770, 0.2936 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(155, 174, 200)` looks like.

```
.text, #text, p{  
    color:rgb(155, 174, 200)  
}
```

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(155, 174, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 174, 200) }
```

Border

The CSS property to change the border of an element to Yxy 41.4108, 0.2770, 0.2936 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(155, 174, 200) }
```

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

```
.border{ border-color:rgb(155, 174, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 174, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 174, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 174, 200);  
box-shadow:4px 4px 4px 4px rgb(155, 174,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4108, 0.2770, 0.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 174, 200) }
```

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

```
.background{ background-color: rgb(155,  
174, 200) }
```

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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