

Converting Colors

$Yxy(41.1846, 0.2595, 0.2831)$

Have a look what the booklet for
Yxy(41.1846, 0.2595, 0.2831)
contains.

Yxy(41.1431, 0.2597, 0.2835)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.1431, 0.2597, 0.2835)

Conversions

Conversions Part 1

Format	Color
Hex	8BB0D1
RGB	139, 176, 209
RGB Percent	55%, 69%, 82%
CMY	0.4547, 0.3098, 0.1803
CMYK	0.33, 0.16, 0.00, 0.18
HSL	208°, 43%, 68%
HSV	208°, 33%, 82%
XYZ	37.6891, 41.1431, 66.2934
YIQ	168.6990, -32.6450, 2.4190

Conversions

Conversions Part 2

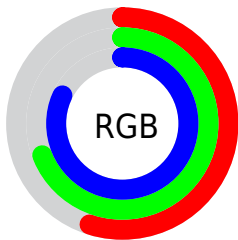
Format	Color
R _Y B	139, 163, 209
Decimal	9154769
CIE Lab	70.28, -4.54, -20.76
CIE LCh	70, 21.252, 257.653
Yxy	41.1431, 0.2597, 0.2835
Android (android.graphics.Color)	4287344849 (0xFF8BB0D1)
YUV	168.6990, 19.8684, -26.0460
Hunter-Lab	64.1429, -7.3669, -16.3778

Details

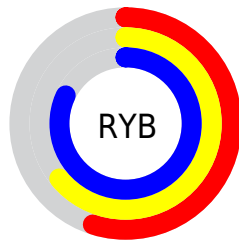
The Yxy color **41.1431, 0.2597, 0.2835** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **44.9603, 0.3767, 0.3703**, and the grayscale version is **39.4371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4026, 0.2752, 0.3041**, and **18.7268, 0.2450, 0.2718** is the 20% darker color. If you saturate the color by 10%, you get **35.7837, 0.2438, 0.2671**, and if you desaturate by 10%, it is **47.1311, 0.2758, 0.2987**.

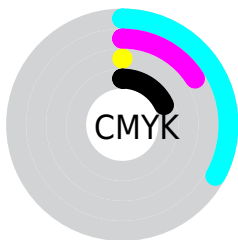
Distribution



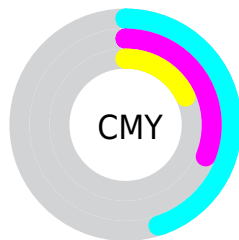
- Red (55%)
- Green (69%)
- Blue (82%)



- Red (55%)
- Yellow (64%)
- Blue (82%)



- Cyan (33%)
- Magenta (16%)
- Yellow (0%)
- Black (18%)



- Cyan (45%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1431, 0.2597, 0.2835 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 41.1431, 0.2597, 0.2835 by changing the saturation by 10% instead.

■ 41.1431, 0.2597,
0.2835

■ 41.1431, 0.2597,
0.2835

350.9183, 0.2863,
0.3066

■ 28.4309, 0.2531,
0.2776

■ 76.9011, 0.2693,
0.2920

■ 18.6507, 0.2447,
0.2701

■ 100.7157, 0.2730,
0.2951

■ 11.4182, 0.2335,
0.2600

■ 128.9998, 0.2760,
0.2978

■ 6.3489, 0.2181,
0.2459

162.1380, 0.2787,
0.3001

■ 3.0583, 0.1958,
0.2251

200.5145, 0.2809,
0.3021

■ 1.1623, 0.1611,
0.1917

244.5138, 0.2829,

■ 0.0306, 0.0000,

0.3038

0.0189

294.5203, 0.2847,
0.3053

0.0000, 0.0000,
0.0000

41.1431, 0.2597,
0.2835

41.1431, 0.2597,
0.2835

35.7837, 0.2438,
0.2671

47.1311, 0.2758,
0.2987

31.0224, 0.2286,
0.2497

53.7666, 0.2918,
0.3125

26.8330, 0.2145,
0.2315

61.0737, 0.3074,
0.3250

23.1849, 0.2021,
0.2130

69.0737, 0.3224,
0.3361

20.0436, 0.1917,
0.1947

77.7866, 0.3366,
0.3460

■ 17.3682, 0.1837,
0.1770

■ 85.3932, 0.3433,
0.3552

■ 15.8331, 0.1794,
0.1659

■ 91.2073, 0.3416,
0.3647

■ 97.3399, 0.3400,
0.3740

■ 97.3848, 0.3399,
0.3740

Harmonies

Analogous

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



41.1431, 0.2548, 0.3015



41.1431, 0.2597, 0.2835



41.1431, 0.2782, 0.2780

Triad

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



41.1431, 0.2597, 0.2835



41.1431, 0.3633, 0.3260



41.1431, 0.3165, 0.3790

Complementary

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



41.1431, 0.2597, 0.2835



44.9603, 0.3767, 0.3703

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.



41.1431, 0.3464, 0.3840



41.1431, 0.2597, 0.2835



41.1431, 0.3744, 0.3517

Square

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



41.1431, 0.2597, 0.2835



41.1431, 0.3379, 0.3021



41.1431, 0.3679, 0.3732



41.1431, 0.2865, 0.3582

Rectangle

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



41.1431, 0.2597, 0.2835



41.1431, 0.2963, 0.2813



41.1431, 0.3679, 0.3732



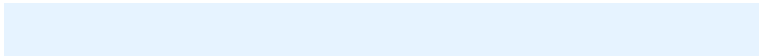
41.1431, 0.3269, 0.3826

Sweetspot

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



41.1447, 0.2597, 0.2835



88.0391, 0.2971, 0.3169



54.0741, 0.2876, 0.3805



18.5030, 0.2949, 0.3150



0.0000, 0.0000, 0.0000



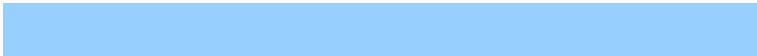
21.4041, 0.3127, 0.3290

Same Dimension

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



41.1447, 0.2597, 0.2835



58.5452, 0.2486, 0.2722



29.2588, 0.2533, 0.2335



12.4360, 0.2983, 0.3177



9.9585, 0.1801, 0.1683



0.7151, 0.1890, 0.2002

Inverse Universe

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



35.1716, 0.3495, 0.2834



48.5401, 0.3602, 0.2737



59.9022, 0.3636, 0.4094



11.9110, 0.3209, 0.3168



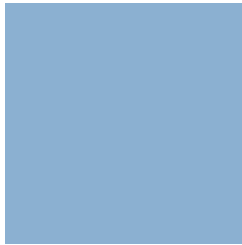
9.0766, 0.4827, 0.2433



0.5235, 0.4451, 0.2225

Previews

White Background



This preview shows how the Yxy color 41.1431, 0.2597, 0.2835 looks on a white background.

Color Contrast Check

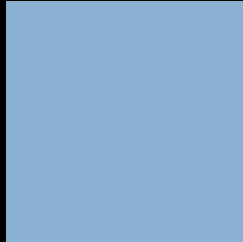
Large Text (above 18pt) WCAG AA × Fail

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 41.1431, 0.2597, 0.2835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

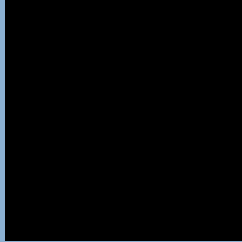
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

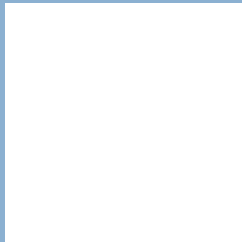
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1431, 0.2597, 0.2835

Background



This preview shows how black text looks on a background with the Yxy color 41.1431, 0.2597, 0.2835.

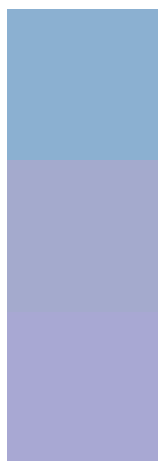


This preview shows how white text looks on a background with the Yxy color 41.1431, 0.2597, 0.2835.

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

41.1431, 0.2597, 0.2835

Protanopia

41.0497, 0.2802, 0.2825

Deuteranopia

41.0332, 0.2789, 0.2730



Tritanopia

41.2414, 0.2677, 0.3089

Trichromacy



Original Color

41.1431, 0.2597, 0.2835

Protanomaly

40.9298, 0.2726, 0.2831

Deuteranomaly

40.9471, 0.2713, 0.2770

Tritanomaly

41.1986, 0.2643, 0.2993

Monochromacy



Original Color

41.1431, 0.2597, 0.2835

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.2348, 0.2910, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1431, 0.2597, 0.2835 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(139, 176, 209)` looks like.

```
.text, #text, p{  
    color:rgb(139, 176, 209)  
}
```

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(139, 176, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 176, 209) }
```

Border

The CSS property to change the border of an element to Yxy 41.1431, 0.2597, 0.2835 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(139, 176, 209) }
```

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

```
.border{ border-color:rgb(139, 176, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 176, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 176, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 176, 209);  
box-shadow:4px 4px 4px 4px rgb(139, 176,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1431, 0.2597, 0.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 176, 209) }
```

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

```
.background{ background-color: rgb(139,  
176, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor