

Converting Colors

$Yxy(41.5201, 0.2639, 0.3139)$

Have a look what the booklet for
Yxy(41.5201, 0.2639, 0.3139)
contains.

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Color

Yxy(41.4427, 0.2639, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	80B5C0
RGB	128, 181, 192
RGB Percent	50%, 71%, 75%
CMY	0.4980, 0.2902, 0.2471
CMYK	0.33, 0.06, 0.00, 0.25
HSL	190°, 34%, 63%
HSV	190°, 33%, 75%
XYZ	34.9416, 41.4427, 56.0205
YIQ	166.4070, -35.1190, -7.8150

Conversions

Conversions Part 2

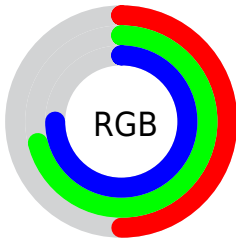
Format	Color
R _Y B	128, 157, 192
Decimal	8435136
CIE Lab	70.48, -14.60, -11.15
CIE LCh	70, 18.367, 217.370
Yxy	41.4427, 0.2639, 0.3130
Android (android.graphics.Color)	4286625216 (0xFF80B5C0)
YUV	166.4070, 12.6173, -33.6829
Hunter-Lab	64.3760, -15.7728, -6.5314

Details

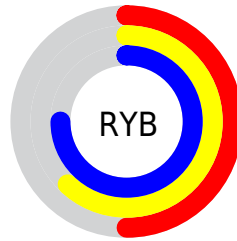
The Yxy color **41.4427, 0.2639, 0.3130** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.2331, 0.3843, 0.3443**, and the grayscale version is **38.2935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4130, 0.2731, 0.3167**, and **18.7983, 0.2492, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **38.7679, 0.2511, 0.3074**, and if you desaturate by 10%, it is **44.4343, 0.2778, 0.3183**.

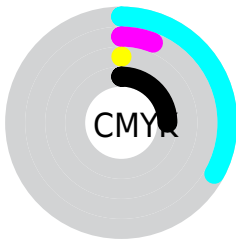
Distribution



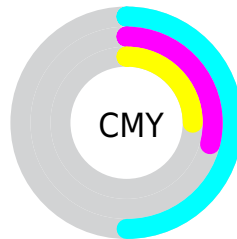
- Red (50%)
- Green (71%)
- Blue (75%)



- Red (50%)
- Yellow (62%)
- Blue (75%)



- Cyan (33%)
- Magenta (6%)
- Yellow (0%)
- Black (25%)





- Cyan (50%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.4427, 0.2639, 0.3130 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 41.4427, 0.2639, 0.3130 by changing the saturation by 10% instead.

 41.4427, 0.2639,
0.3130

 41.4427, 0.2639,
0.3130


352.1675, 0.2884,
0.3216


 28.6652, 0.2578,
0.3107


 77.3555, 0.2728,
0.3162

 18.8277, 0.2499,
0.3076


 101.2595, 0.2761,
0.3174

 11.5458, 0.2395,
0.3033


 129.6411, 0.2790,
0.3184

 6.4352, 0.2250,
0.2970

162.8848, 0.2814,
0.3192

 3.1115, 0.2036,
0.2869

201.3749, 0.2835,
0.3199

 1.1902, 0.1685,
0.2685

245.4957, 0.2853,

 0.0537, 0.0000,

0.3206

0.0602

295.6318, 0.2869,
0.3211

0.0000, 0.0000,
0.0000

41.4427, 0.2639,
0.3130

41.4427, 0.2639,
0.3130

38.7679, 0.2511,
0.3074

44.4343, 0.2778,
0.3183

36.3887, 0.2396,
0.3016

47.7526, 0.2925,
0.3231

34.2891, 0.2297,
0.2955

51.4131, 0.3076,
0.3276

32.4492, 0.2217,
0.2894

55.4288, 0.3230,
0.3317

30.8463, 0.2156,
0.2832

59.8121, 0.3383,
0.3353

■ 29.4530, 0.2113,
0.2771

■ 64.5745, 0.3533,
0.3385

■ 28.6039, 0.2092,
0.2731

■ 68.2936, 0.3620,
0.3417

■ 69.8791, 0.3612,
0.3450

■ 71.4980, 0.3604,
0.3484

Harmonies

Analogous

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



41.4427, 0.2764, 0.3379



41.4427, 0.2639, 0.3130



41.4427, 0.2638, 0.2940

Triad

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



41.4427, 0.2639, 0.3130



41.4427, 0.3255, 0.2996



41.4427, 0.3494, 0.3747

Complementary

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



41.4427, 0.2639, 0.3130



31.2331, 0.3843, 0.3443

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.



41.4427, 0.3639, 0.3618



41.4427, 0.2639, 0.3130



41.4427, 0.3499, 0.3190

Square

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



41.4427, 0.2639, 0.3130



41.4427, 0.2984, 0.2874



41.4427, 0.3641, 0.3414



41.4427, 0.3253, 0.3749

Rectangle

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



41.4427, 0.2639, 0.3130



41.4427, 0.2708, 0.2868



41.4427, 0.3641, 0.3414



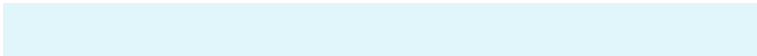
41.4427, 0.3556, 0.3716

Sweetspot

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



41.4443, 0.2639, 0.3130



88.5615, 0.2972, 0.3246



44.1408, 0.3009, 0.4100



18.8027, 0.2951, 0.3239



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



41.4443, 0.2639, 0.3130



71.4976, 0.2544, 0.3089



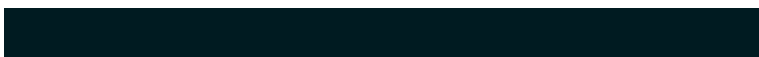
30.0006, 0.2578, 0.2647



11.1244, 0.2984, 0.3249



19.3498, 0.2094, 0.2739



0.9155, 0.2132, 0.2874

Inverse Universe

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



29.9857, 0.3278, 0.2601



47.9667, 0.3320, 0.2452



41.7648, 0.3707, 0.3857



10.2169, 0.3163, 0.3101



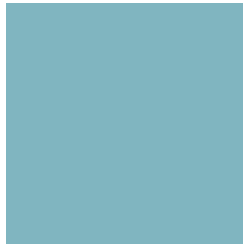
9.2356, 0.3692, 0.1807



0.4071, 0.3567, 0.1739

Previews

White Background



This preview shows how the Yxy color 41.4427, 0.2639, 0.3130 looks on a white background.

Color Contrast Check

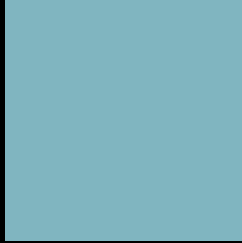
Large Text (above 18pt) WCAG AA × Fail

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 41.4427, 0.2639, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

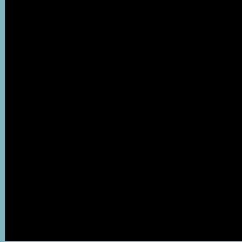
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

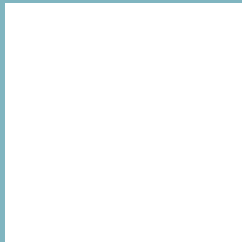
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.4427, 0.2639, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 41.4427, 0.2639, 0.3130.

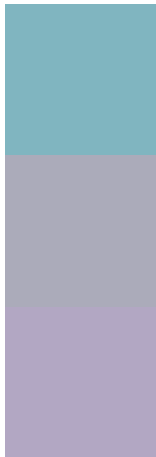


This preview shows how white text looks on a background with the Yxy color 41.4427, 0.2639, 0.3130.

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

41.4427, 0.2639, 0.3130

Protanopia

41.3289, 0.3005, 0.3087

Deuteranopia

41.0425, 0.2993, 0.2923



Tritanopia

41.6550, 0.2626, 0.3088

Trichromacy



Original Color

41.4427, 0.2639, 0.3130

Protanomaly

41.2593, 0.2857, 0.3109

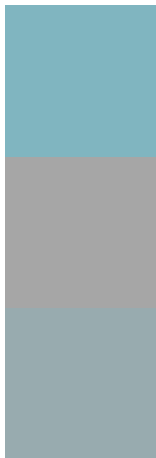
Deuteranomaly

40.8737, 0.2851, 0.2989

Tritanomaly

41.6099, 0.2633, 0.3102

Monochromacy



Original Color

41.4427, 0.2639, 0.3130

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.8964, 0.2929, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4427, 0.2639, 0.3130 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(128, 181, 192)` looks like.

```
.text, #text, p{  
    color:rgb(128, 181, 192)  
}
```

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(128, 181, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 181, 192) }
```

Border

The CSS property to change the border of an element to Yxy 41.4427, 0.2639, 0.3130 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(128, 181, 192) }
```

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

```
.border{ border-color:rgb(128, 181, 192) }
```

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

Here you see how a box with a 4 pixel rgb(128, 181, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 181, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 181, 192);  
box-shadow:4px 4px 4px 4px rgb(128, 181,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4427, 0.2639, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 181, 192) }
```

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

```
.background{ background-color: rgb(128,  
181, 192) }
```

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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