

Converting Colors

$Y_{xy}(41.1925, 0.2811, 0.3162)$

Have a look what the booklet for
Yxy(41.1925, 0.2811, 0.3162)
contains.

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Color

Yxy(41.1925, 0.2811, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	93B1BA
RGB	147, 177, 186
RGB Percent	58%, 69%, 73%
CMY	0.4234, 0.3059, 0.2707
CMYK	0.21, 0.05, 0.00, 0.27
HSL	194°, 22%, 65%
HSV	194°, 21%, 73%
XYZ	36.6199, 41.1925, 52.4612
YIQ	169.0560, -20.7690, -3.5610

Conversions

Conversions Part 2

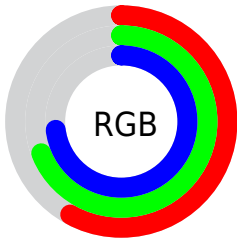
Format	Color
RYB	147, 164, 186
Decimal	9679290
CIELab	70.31, -8.20, -7.98
CIElCh	70, 11.442, 224.221
Yxy	41.1925, 0.2811, 0.3162
Android (android.graphics.Color)	4287869370 (0xFF93B1BA)
YUV	169.0560, 8.3534, -19.3431
Hunter-Lab	64.1814, -10.4709, -3.5360

Details

The Yxy color **41.1925, 0.2811, 0.3162** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.3247, 0.3516, 0.3414**, and the grayscale version is **39.6740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2452, 0.2873, 0.3192**, and **18.5956, 0.2721, 0.3111** is the 20% darker color. If you saturate the color by 10%, you get **37.9439, 0.2666, 0.3092**, and if you desaturate by 10%, it is **44.7757, 0.2961, 0.3226**.

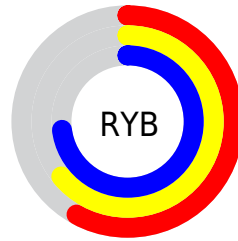
Distribution



Red (58%)

Green (69%)

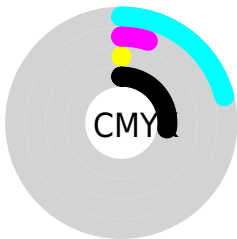
Blue (73%)



Red (58%)

Yellow (64%)

Blue (73%)

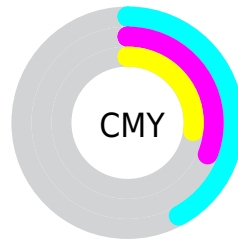


Cyan (21%)

Magenta (5%)

Yellow (0%)

Black (27%)



Cyan (42%)


Magenta (31%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1925, 0.2811, 0.3162 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 41.1925, 0.2811, 0.3162 by changing the saturation by 10% instead.


 41.1925, 0.2811,
0.3162

 41.1925, 0.2811,
0.3162

351.1245, 0.2971,
0.3229

 28.4695, 0.2771,
0.3144


 76.9760, 0.2869,
0.3187

 18.6799, 0.2718,
0.3121


 100.8054, 0.2891,
0.3196

 11.4392, 0.2648,
0.3089


129.1056, 0.2910,
0.3204

 6.3631, 0.2550,
0.3042

162.2612, 0.2925,
0.3210

 3.0671, 0.2400,
0.2968

200.6565, 0.2939,
0.3216

 1.1669, 0.2150,
0.2833

244.6759, 0.2951,

 0.0344, 0.0000,

0.3221

0.0546

294.7038, 0.2962,
0.3225

0.0000, 0.0000,
0.0000

41.1925, 0.2811,
0.3162

41.1925, 0.2811,
0.3162

37.9439, 0.2666,
0.3092

44.7757, 0.2961,
0.3226

35.0109, 0.2530,
0.3018

48.7013, 0.3113,
0.3285

32.3805, 0.2405,
0.2939

52.9831, 0.3265,
0.3338

30.0362, 0.2295,
0.2857

57.6327, 0.3414,
0.3385

27.9599, 0.2202,
0.2773

62.6609, 0.3560,
0.3427

■ 26.1311, 0.2127,
0.2688

■ 67.3852, 0.3671,
0.3465

■ 24.5254, 0.2072,
0.2604

■ 69.4347, 0.3660,
0.3509

■ 23.2198, 0.2036,
0.2528

■ 71.5407, 0.3648,
0.3552

■ 73.7035, 0.3637,
0.3595

Harmonies

Analogous

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



41.1925, 0.2874, 0.3312



41.1925, 0.2811, 0.3162



41.1925, 0.2829, 0.3053

Triad

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



41.1925, 0.2811, 0.3162



41.1925, 0.3246, 0.3129



41.1925, 0.3328, 0.3581

Complementary

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



41.1925, 0.2811, 0.3162



36.3247, 0.3516, 0.3414

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.



41.1925, 0.3433, 0.3522



41.1925, 0.2811, 0.3162



41.1925, 0.3385, 0.3261

Square

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



41.1925, 0.2811, 0.3162



41.1925, 0.3077, 0.3038



41.1925, 0.3454, 0.3404



41.1925, 0.3170, 0.3560

Rectangle

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



41.1925, 0.2811, 0.3162



41.1925, 0.2886, 0.3016



41.1925, 0.3454, 0.3404



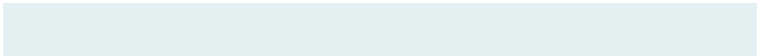
41.1925, 0.3370, 0.3570

Sweetspot

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



41.1942, 0.2811, 0.3162



84.5472, 0.3034, 0.3255



43.6964, 0.3038, 0.3734



18.5166, 0.3024, 0.3251



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



41.1942, 0.2811, 0.3162



71.9785, 0.2745, 0.3132



34.2274, 0.2793, 0.2884



9.8501, 0.2985, 0.3236



15.7437, 0.2039, 0.2539



0.6421, 0.2099, 0.2754

Inverse Universe

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



34.4886, 0.3236, 0.2890



57.8670, 0.3264, 0.2802



43.1814, 0.3466, 0.3665



9.1264, 0.3172, 0.3116



8.3717, 0.3884, 0.1913



0.3039, 0.3677, 0.1799

Previews

White Background



This preview shows how the Yxy color 41.1925, 0.2811, 0.3162 looks on a white background.

Color Contrast Check

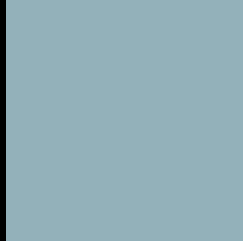
Large Text (above 18pt) WCAG AA × Fail

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 41.1925, 0.2811, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

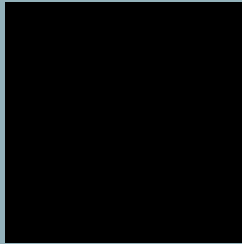
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

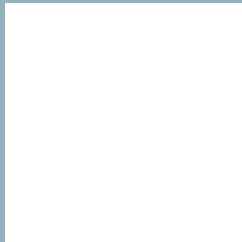
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1925, 0.2811, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 41.1925, 0.2811, 0.3162.



This preview shows how white text looks on a background with the Yxy color 41.1925, 0.2811, 0.3162.

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

41.1925, 0.2811, 0.3162

Protanopia

40.8975, 0.3046, 0.3127

Deuteranopia

41.0920, 0.3077, 0.3014



Tritanopia

41.0643, 0.2789, 0.3093

Trichromacy



Original Color

41.1925, 0.2811, 0.3162

Protanomaly

41.0926, 0.2960, 0.3152

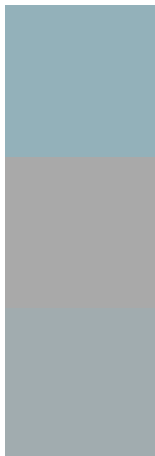
Deuteranomaly

41.1487, 0.2980, 0.3073

Tritanomaly

41.0207, 0.2796, 0.3106

Monochromacy



Original Color

41.1925, 0.2811, 0.3162

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.1773, 0.3006, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1925, 0.2811, 0.3162 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(147, 177, 186)` looks like.

```
.text, #text, p{  
    color:rgb(147, 177, 186)  
}
```

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(147, 177, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 177, 186) }
```

Border

The CSS property to change the border of an element to Yxy 41.1925, 0.2811, 0.3162 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(147, 177, 186) }
```

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

```
.border{ border-color:rgb(147, 177, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 177, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 177, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 177, 186);  
box-shadow:4px 4px 4px 4px rgb(147, 177,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1925, 0.2811, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 177, 186) }
```

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

```
.background{ background-color: rgb(147,  
177, 186) }
```

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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