

Converting Colors

$Y_{xy}(41.2129, 0.2937, 0.3417)$

Have a look what the booklet for
Yxy(41.2129, 0.2937, 0.3417)
contains.

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Color

Yxy(41.4384, 0.2937, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	94B3AA
RGB	148, 179, 170
RGB Percent	58%, 70%, 67%
CMY	0.4196, 0.2980, 0.3334
CMYK	0.17, 0.00, 0.05, 0.30
HSL	163°, 17%, 64%
HSV	163°, 17%, 70%
XYZ	35.5861, 41.4384, 44.1404
YIQ	168.7050, -15.5870, -9.3710

Conversions

Conversions Part 2

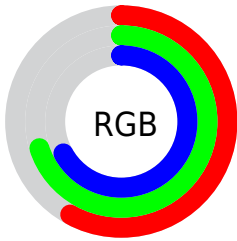
Format	Color
RYB	148, 166, 179
Decimal	9745322
CIELab	70.48, -12.40, 1.09
CIELCh	70, 12.443, 174.991
Yxy	41.4384, 0.2937, 0.3420
Android (android.graphics.Color)	4287935402 (0xFF94B3AA)
YUV	168.7050, 0.6384, -18.1583
Hunter-Lab	64.3727, -13.9748, 4.4057

Details

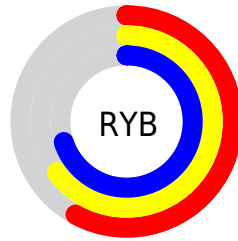
The Yxy color $41.4384, 0.2937, 0.3420$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $33.1990, 0.3361, 0.3164$, and the grayscale version is $39.5253, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.4095, 0.2972, 0.3400$, and $18.7711, 0.2880, 0.3453$ is the 20% darker color. If you saturate the color by 10%, you get $39.7045, 0.2835, 0.3505$, and if you desaturate by 10%, it is $43.4417, 0.3045, 0.3342$.

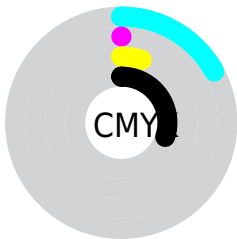
Distribution



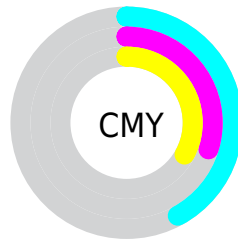
- Red (58%)
- Green (70%)
- Blue (67%)



- Red (58%)
- Yellow (65%)
- Blue (70%)



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (30%)





- Cyan (42%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4384, 0.2937, 0.3420 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 41.4384, 0.2937, 0.3420 by changing the saturation by 10% instead.


 41.4384, 0.2937,
0.3420


 41.4384, 0.2937,
0.3420

352.1496, 0.3034,
0.3353

 28.6618, 0.2912,
0.3437


 77.3490, 0.2973,
0.3395

 18.8251, 0.2880,
0.3460


 101.2517, 0.2986,
0.3386

 11.5440, 0.2836,
0.3490


129.6319, 0.2997,
0.3379

 6.4340, 0.2773,
0.3534

162.8741, 0.3007,
0.3372

 3.1107, 0.2676,
0.3602

201.3625, 0.3015,
0.3367

 1.1898, 0.2505,
0.3724

245.4817, 0.3022,

 0.0534, 0.0000,

0.3362

1.0000

295.6159, 0.3029,
0.3357

0.0000, 0.0000,
0.0000

41.4384, 0.2937,
0.3420

41.4384, 0.2937,
0.3420

39.7045, 0.2835,
0.3505

43.4417, 0.3045,
0.3342

38.2230, 0.2742,
0.3597

45.7204, 0.3157,
0.3272

36.9827, 0.2661,
0.3696

48.2867, 0.3271,
0.3209

35.9696, 0.2595,
0.3799

51.1506, 0.3384,
0.3153

35.1683, 0.2546,
0.3907

54.3215, 0.3496,
0.3104

■ 34.5613, 0.2517,
0.4016

■ 57.7322, 0.3601,
0.3060

■ 34.1284, 0.2507,
0.4126

■ 57.9822, 0.3556,
0.3007

■ 33.8395, 0.2514,
0.4234

■ 58.2406, 0.3511,
0.2955

■ 33.7720, 0.2518,
0.4263

■ 58.5075, 0.3466,
0.2903

Harmonies

Analogous

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



41.4384, 0.3108, 0.3553



41.4384, 0.2937, 0.3420



41.4384, 0.2819, 0.3252

Triad

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



41.4384, 0.2937, 0.3420



41.4384, 0.2962, 0.2988



41.4384, 0.3486, 0.3464

Complementary

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



41.4384, 0.2937, 0.3420



33.1990, 0.3361, 0.3164

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.



41.4384, 0.3445, 0.3314



41.4384, 0.2937, 0.3420



41.4384, 0.3139, 0.3046

Square

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



41.4384, 0.2937, 0.3420



41.4384, 0.2833, 0.3007



41.4384, 0.3317, 0.3163



41.4384, 0.3427, 0.3574

Rectangle

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



41.4384, 0.2937, 0.3420



41.4384, 0.2784, 0.3147



41.4384, 0.3317, 0.3163



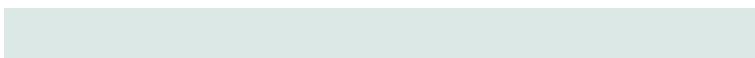
41.4384, 0.3483, 0.3417

Sweetspot

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



41.4401, 0.2937, 0.3420



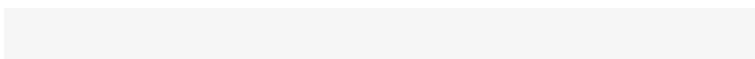
78.6657, 0.3070, 0.3326



41.5795, 0.3187, 0.3740



17.3680, 0.3062, 0.3331



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



41.4401, 0.2937, 0.3420



72.9024, 0.2895, 0.3454



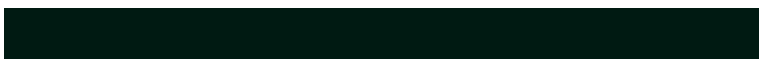
39.3632, 0.2866, 0.3200



9.5885, 0.3023, 0.3357



23.8746, 0.2514, 0.4250



0.7607, 0.2430, 0.3949

Inverse Universe

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



33.1990, 0.3361, 0.3164



55.2178, 0.3429, 0.3133



34.8998, 0.3439, 0.3378



8.5446, 0.3243, 0.3224



6.9584, 0.5757, 0.2945



0.2294, 0.4951, 0.2501

Previews

White Background



This preview shows how the Yxy color 41.4384, 0.2937, 0.3420 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 41.4384, 0.2937, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

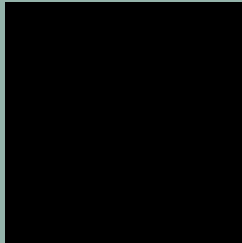
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

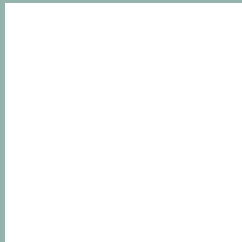
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.4384, 0.2937, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 41.4384, 0.2937, 0.3420.



This preview shows how white text looks on a background with the Yxy color 41.4384, 0.2937, 0.3420.

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

41.4384, 0.2937, 0.3420

Protanopia

41.2261, 0.3224, 0.3359

Deuteranopia

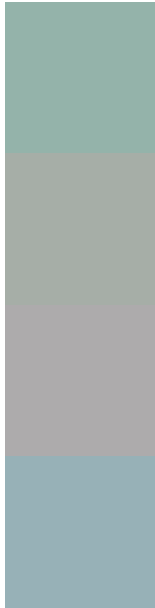
41.3459, 0.3270, 0.3212



Tritanopia

41.4438, 0.2820, 0.3094

Trichromacy



Original Color

41.4384, 0.2937, 0.3420

Protanomaly

41.1691, 0.3114, 0.3388

Deuteranomaly

40.9886, 0.3137, 0.3276

Tritanomaly

41.4425, 0.2864, 0.3205

Monochromacy



Original Color

41.4384, 0.2937, 0.3420

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.3288, 0.3054, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4384, 0.2937, 0.3420 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(148, 179, 170)` looks like.

```
.text, #text, p{  
    color:rgb(148, 179, 170)  
}
```

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(148, 179, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 179, 170) }
```

Border

The CSS property to change the border of an element to Yxy 41.4384, 0.2937, 0.3420 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(148, 179, 170) }
```

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

```
.border{ border-color:rgb(148, 179, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 179, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 179, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 179, 170);  
box-shadow:4px 4px 4px 4px rgb(148, 179,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4384, 0.2937, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 179, 170) }
```

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

```
.background{ background-color: rgb(148,  
179, 170) }
```

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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