

Converting Colors

$Yxy(41.0876, 0.2981, 0.3524)$

Have a look what the booklet for
Yxy(41.0876, 0.2981, 0.3524)
contains.

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Color

Yxy(41.0876, 0.2981, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	93B3A3
RGB	147, 179, 163
RGB Percent	58%, 70%, 64%
CMY	0.4237, 0.2980, 0.3608
CMYK	0.18, 0.00, 0.09, 0.30
HSL	150°, 17%, 64%
HSV	150°, 18%, 70%
XYZ	34.7566, 41.0876, 40.7495
YIQ	167.6080, -13.9360, -11.7600

Conversions

Conversions Part 2

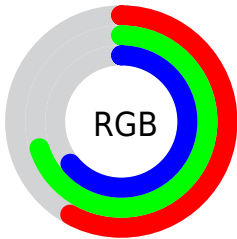
Format	Color
RYB	147, 168, 179
Decimal	9679779
CIELab	70.24, -14.16, 4.56
CIELCh	70, 14.878, 162.167
Yxy	41.0876, 0.2981, 0.3524
Android (android.graphics.Color)	4287869859 (0xFF93B3A3)
YUV	167.6080, -2.2717, -18.0732
Hunter-Lab	64.0996, -15.3867, 7.1778

Details

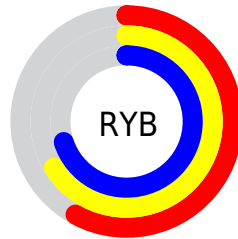
The Yxy color $41.0876, 0.2981, 0.3524$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $33.0800, 0.3303, 0.3067$, and the grayscale version is $38.9686, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.8961, 0.3007, 0.3479$, and $18.5562, 0.2941, 0.3601$ is the 20% darker color. If you saturate the color by 10%, you get $39.2526, 0.2904, 0.3675$, and if you desaturate by 10%, it is $43.2062, 0.3062, 0.3388$.

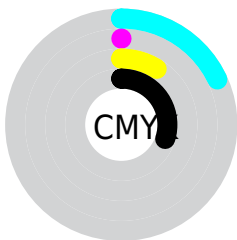
Distribution



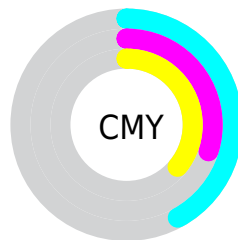
- Red (58%)
- Green (70%)
- Blue (64%)



- Red (58%)
- Yellow (66%)
- Blue (70%)



- Cyan (18%)
- Magenta (0%)
- Yellow (9%)
- Black (30%)





- Cyan (42%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0876, 0.2981, 0.3524 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 41.0876, 0.2981, 0.3524 by changing the saturation by 10% instead.


 41.0876, 0.2981,
0.3524


 41.0876, 0.2981,
0.3524

350.6866, 0.3057,
0.3403

 28.3875, 0.2961,
0.3556


 76.8169, 0.3009,
0.3479

 18.6180, 0.2935,
0.3598


 100.6148, 0.3019,
0.3462

 11.3946, 0.2900,
0.3655


128.8809, 0.3028,
0.3448

 6.3329, 0.2849,
0.3739

161.9995, 0.3036,
0.3436

 3.0485, 0.2768,
0.3873

200.3550, 0.3042,
0.3426

 1.1571, 0.2609,
0.4127

244.3317, 0.3047,

 0.0263, 0.0000,

0.3417

1.0000

294.3141, 0.3052,
0.3410

0.0000, 0.0000,
0.0000

41.0876, 0.2981,
0.3524

41.0876, 0.2981,
0.3524

39.2526, 0.2904,
0.3675

43.2062, 0.3062,
0.3388

37.6837, 0.2834,
0.3840

45.6148, 0.3144,
0.3266

36.3693, 0.2774,
0.4017

48.3260, 0.3227,
0.3157

35.2950, 0.2727,
0.4204

51.3502, 0.3308,
0.3062

34.4447, 0.2697,
0.4397

54.6971, 0.3387,
0.2978

■ 33.8005, 0.2684,
0.4592

■ 58.3761, 0.3463,
0.2905

■ 33.3415, 0.2692,
0.4782

■ 58.9746, 0.3394,
0.2818

■ 33.0345, 0.2717,
0.4964

■ 59.4771, 0.3321,
0.2732

■ 32.9784, 0.2723,
0.5001

■ 60.0055, 0.3250,
0.2650

Harmonies

Analogous

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



41.0876, 0.3197, 0.3650



41.0876, 0.2981, 0.3524



41.0876, 0.2808, 0.3331

Triad

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



41.0876, 0.2981, 0.3524



41.0876, 0.2854, 0.2928



41.0876, 0.3552, 0.3423

Complementary

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



41.0876, 0.2981, 0.3524



33.0800, 0.3303, 0.3067

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.



41.0876, 0.3454, 0.3239



41.0876, 0.2981, 0.3524



41.0876, 0.3046, 0.2960

Square

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



41.0876, 0.2981, 0.3524



41.0876, 0.2737, 0.2988



41.0876, 0.3266, 0.3072



41.0876, 0.3531, 0.3581

Rectangle

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



41.0876, 0.2981, 0.3524



41.0876, 0.2739, 0.3196



41.0876, 0.3266, 0.3072



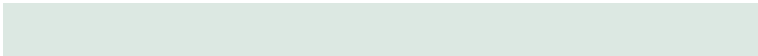
41.0876, 0.3532, 0.3362

Sweetspot

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



41.0893, 0.2981, 0.3524



78.5320, 0.3085, 0.3352



42.1363, 0.3246, 0.3748



17.3345, 0.3079, 0.3360



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.



41.0893, 0.2981, 0.3524



72.3879, 0.2954, 0.3574



41.7002, 0.2862, 0.3289



9.5587, 0.3050, 0.3406



23.3126, 0.2717, 0.4981



0.7453, 0.2574, 0.4466

Inverse Universe

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



33.0800, 0.3303, 0.3067



55.7002, 0.3345, 0.3022



32.5419, 0.3467, 0.3291



8.5737, 0.3212, 0.3177



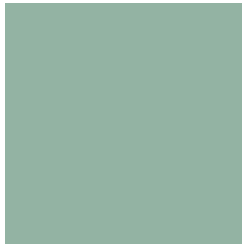
7.2998, 0.4931, 0.2490



0.2415, 0.4329, 0.2158

Previews

White Background



This preview shows how the Yxy color 41.0876, 0.2981, 0.3524 looks on a white background.

Color Contrast Check

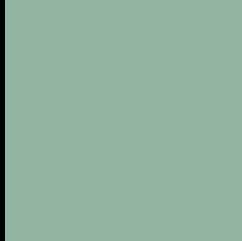
Large Text (above 18pt) WCAG AA × Fail

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 41.0876, 0.2981, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

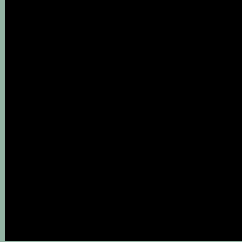
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0876, 0.2981, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 41.0876, 0.2981, 0.3524.



This preview shows how white text looks on a background with the Yxy color 41.0876, 0.2981, 0.3524.

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

41.0876, 0.2981, 0.3524

Protanopia

40.9416, 0.3293, 0.3469

Deuteranopia

40.9728, 0.3353, 0.3291



Tritanopia

41.0095, 0.2826, 0.3094

Trichromacy



Original Color

41.0876, 0.2981, 0.3524

Protanomaly

40.9172, 0.3171, 0.3488

Deuteranomaly

40.8411, 0.3205, 0.3373

Tritanomaly

40.8300, 0.2877, 0.3232

Monochromacy



Original Color

41.0876, 0.2981, 0.3524

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.7318, 0.3070, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0876, 0.2981, 0.3524 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, 179, 163)` looks like.

```
.text, #text, p{  
    color:rgb(147, 179, 163)  
}
```

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, 179, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 179, 163) }
```

Border

The CSS property to change the border of an element to Yxy 41.0876, 0.2981, 0.3524 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, 179, 163) }
```

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

```
.border{ border-color:rgb(147, 179, 163) }
```

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

Here you see how a box with a 4 pixel rgb(147, 179, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 179, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 179, 163);  
box-shadow:4px 4px 4px 4px rgb(147, 179,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0876, 0.2981, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 179, 163) }
```

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

```
.background{ background-color: rgb(147,  
179, 163) }
```

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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