

Converting Colors

Yxy(41.8653, 0.2964, 0.3346)

Have a look what the booklet for
Yxy(41.8653, 0.2964, 0.3346)
contains.

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Color

Yxy(41.8653, 0.2964, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	9BB2AE
RGB	155, 178, 174
RGB Percent	61%, 70%, 68%
CMY	0.3919, 0.3020, 0.3177
CMYK	0.13, 0.00, 0.02, 0.30
HSL	170°, 13%, 65%
HSV	170°, 13%, 70%
XYZ	37.0857, 41.8653, 46.1694
YIQ	170.6670, -12.4240, -6.1200

Conversions

Conversions Part 2

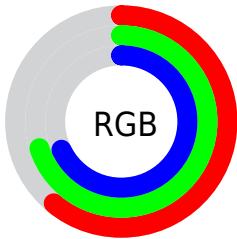
Format	Color
RYB	155, 168, 178
Decimal	10203822
CIELab	70.78, -8.68, -0.64
CIElCh	71, 8.702, 184.202
Yxy	41.8653, 0.2964, 0.3346
Android (android.graphics.Color)	4288393902 (0xFF9BB2AE)
YUV	170.6670, 1.6432, -13.7400
Hunter-Lab	64.7034, -10.9211, 2.9857

Details

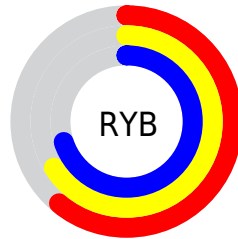
The Yxy color **41.8653, 0.2964, 0.3346** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4305, 0.3319, 0.3235**, and the grayscale version is **40.5506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2044, 0.2999, 0.3344**, and **19.0154, 0.2916, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **40.1136, 0.2845, 0.3394**, and if you desaturate by 10%, it is **43.8829, 0.3090, 0.3302**.

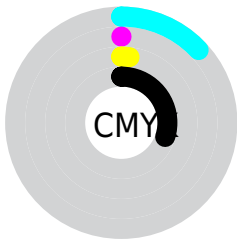
Distribution



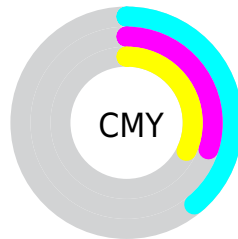
- Red (61%)
- Green (70%)
- Blue (68%)



- Red (61%)
- Yellow (66%)
- Blue (70%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)



- Cyan (39%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8653, 0.2964, 0.3346 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 41.8653, 0.2964, 0.3346 by changing the saturation by 10% instead.

■ 41.8653, 0.2964,
0.3346

■ 41.8653, 0.2964,
0.3346

■ 353.9242, 0.3047,
0.3318

■ 28.9958, 0.2943,
0.3353

■ 77.9957, 0.2994,
0.3336

■ 19.0777, 0.2915,
0.3362

■ 102.0255, 0.3006,
0.3332

■ 11.7264, 0.2878,
0.3375

■ 130.5441, 0.3015,
0.3329

■ 6.5577, 0.2826,
0.3392

■ 163.9360, 0.3024,
0.3326

■ 3.1870, 0.2745,
0.3419

■ 202.5856, 0.3031,
0.3323

■ 1.2301, 0.2605,
0.3465

■ 246.8772, 0.3037,

■ 0.0861, 0.0000,

0.3321

0.3837

297.1953, 0.3042,
0.3319

0.0000, 0.0000,
0.0000

41.8653, 0.2964,
0.3346

41.8653, 0.2964,
0.3346

40.1136, 0.2845,
0.3394

43.8829, 0.3090,
0.3302

38.6112, 0.2735,
0.3446

46.1718, 0.3220,
0.3262

37.3478, 0.2637,
0.3502

48.7438, 0.3352,
0.3226

36.3100, 0.2554,
0.3560

51.6084, 0.3483,
0.3195

35.4835, 0.2488,
0.3620

54.7746, 0.3613,
0.3167

■ 34.8521, 0.2441,
0.3682

■ 56.9286, 0.3680,
0.3139

■ 34.3973, 0.2412,
0.3744

■ 57.0679, 0.3653,
0.3107

■ 34.0968, 0.2402,
0.3806

■ 57.2102, 0.3625,
0.3075

■ 33.9439, 0.2403,
0.3850

■ 57.3553, 0.3598,
0.3043

Harmonies

Analogous

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



41.8653, 0.3076, 0.3448



41.8653, 0.2964, 0.3346



41.8653, 0.2896, 0.3230

Triad

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



41.8653, 0.2964, 0.3346



41.8653, 0.3048, 0.3085



41.8653, 0.3371, 0.3441

Complementary

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



41.8653, 0.2964, 0.3346



35.4305, 0.3319, 0.3235

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.



41.8653, 0.3364, 0.3342



41.8653, 0.2964, 0.3346



41.8653, 0.3176, 0.3140

Square

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



41.8653, 0.2964, 0.3346



41.8653, 0.2944, 0.3082



41.8653, 0.3292, 0.3233



41.8653, 0.3311, 0.3502

Rectangle

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



41.8653, 0.2964, 0.3346



41.8653, 0.2884, 0.3162



41.8653, 0.3292, 0.3233



41.8653, 0.3376, 0.3411

Sweetspot

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



41.8671, 0.2964, 0.3346



79.1301, 0.3075, 0.3307



41.6031, 0.3148, 0.3619



17.4679, 0.3065, 0.3310



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.



41.8671, 0.2964, 0.3346



75.1350, 0.2935, 0.3357



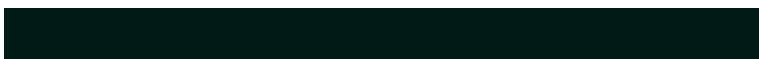
39.2114, 0.2931, 0.3186



9.6057, 0.3008, 0.3330



24.2985, 0.2401, 0.3843



0.7712, 0.2353, 0.3671

Inverse Universe

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



35.4305, 0.3319, 0.3235



61.5330, 0.3360, 0.3224



37.7856, 0.3344, 0.3392



8.5286, 0.3261, 0.3251



6.8497, 0.6111, 0.3140



0.2228, 0.5418, 0.2758

Previews

White Background



This preview shows how the Yxy color 41.8653, 0.2964, 0.3346 looks on a white background.

Color Contrast Check

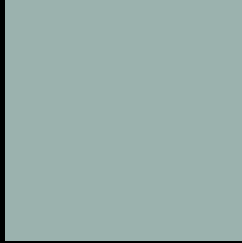
Large Text (above 18pt) WCAG AA × Fail

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 41.8653, 0.2964, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

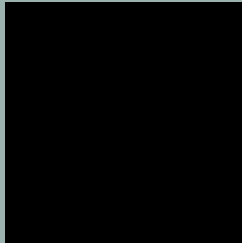
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

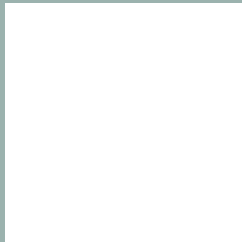
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.8653, 0.2964, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 41.8653, 0.2964, 0.3346.

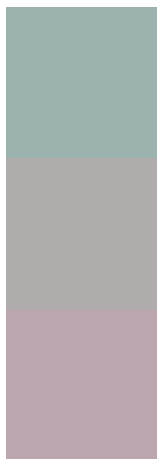


This preview shows how white text looks on a background with the Yxy color 41.8653, 0.2964, 0.3346.

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

41.8653, 0.2964, 0.3346

Protanopia

41.6754, 0.3172, 0.3304

Deuteranopia

41.4634, 0.3244, 0.3172



Tritanopia

42.0375, 0.2867, 0.3097

Trichromacy



Original Color

41.8653, 0.2964, 0.3346

Protanomaly

41.5755, 0.3091, 0.3318

Deuteranomaly

41.4511, 0.3139, 0.3236

Tritanomaly

42.0731, 0.2904, 0.3192

Monochromacy



Original Color

41.8653, 0.2964, 0.3346

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.2500, 0.3064, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8653, 0.2964, 0.3346 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(155, 178, 174)` looks like.

```
.text, #text, p{  
    color:rgb(155, 178, 174)  
}
```

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(155, 178, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 178, 174) }
```

Border

The CSS property to change the border of an element to Yxy 41.8653, 0.2964, 0.3346 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(155, 178, 174) }
```

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

```
.border{ border-color:rgb(155, 178, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 178, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 178, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 178, 174);  
box-shadow:4px 4px 4px 4px rgb(155, 178,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8653, 0.2964, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 178, 174) }
```

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

```
.background{ background-color: rgb(155,  
178, 174) }
```

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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