

Converting Colors

$Y_{xy}(41.0000, 0.2963, 0.3365)$

Have a look what the booklet for
Yxy(41.0000, 0.2963, 0.3365)
contains.

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Color

Yxy(41.1569, 0.2970, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	99B1AB
RGB	153, 177, 171
RGB Percent	60%, 69%, 67%
CMY	0.3998, 0.3059, 0.3293
CMYK	0.14, 0.00, 0.03, 0.31
HSL	165°, 13%, 65%
HSV	165°, 14%, 69%
XYZ	36.2181, 41.1569, 44.5714
YIQ	169.1400, -12.3780, -6.9540

Conversions

Conversions Part 2

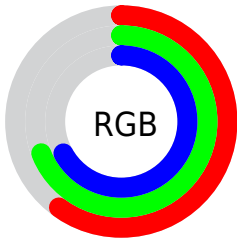
Format	Color
RYB	153, 167, 177
Decimal	10072491
CIELab	70.29, -9.43, 0.27
CIElCh	70, 9.433, 178.374
Yxy	41.1569, 0.2970, 0.3375
Android (android.graphics.Color)	4288262571 (0xFF99B1AB)
YUV	169.1400, 0.9170, -14.1548
Hunter-Lab	64.1536, -11.4963, 3.7152

Details

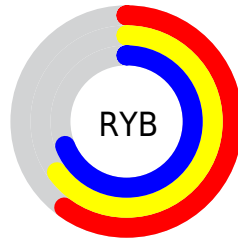
The Yxy color **41.1569, 0.2970, 0.3375** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6496, 0.3312, 0.3207**, and the grayscale version is **39.7545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1787, 0.3004, 0.3366**, and **18.5720, 0.2924, 0.3390** is the 20% darker color. If you saturate the color by 10%, you get **39.3959, 0.2860, 0.3445**, and if you desaturate by 10%, it is **43.1825, 0.3086, 0.3311**.

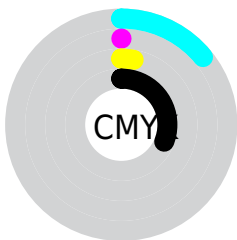
Distribution



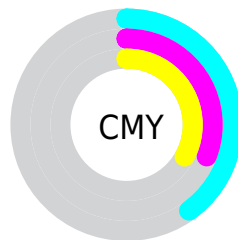
- Red (60%)
- Green (69%)
- Blue (67%)



- Red (60%)
- Yellow (65%)
- Blue (69%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (40%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1569, 0.2970, 0.3375 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 41.1569, 0.2970, 0.3375 by changing the saturation by 10% instead.

■ 41.1569, 0.2970,
0.3375

■ 41.1569, 0.2970,
0.3375

350.9759, 0.3050,
0.3332

■ 28.4417, 0.2949,
0.3386

■ 76.9220, 0.3000,
0.3359

■ 18.6589, 0.2923,
0.3401

■ 100.7407, 0.3011,
0.3353

■ 11.4241, 0.2886,
0.3420

129.0294, 0.3020,
0.3348

■ 6.3528, 0.2835,
0.3448

162.1724, 0.3028,
0.3344

■ 3.0608, 0.2754,
0.3492

200.5542, 0.3034,
0.3340

■ 1.1636, 0.2614,
0.3569

244.5591, 0.3040,

■ 0.0316, 0.0000,

0.3337

0.6679

294.5716, 0.3046,
0.3334

0.0000, 0.0000,
0.0000

41.1569, 0.2970,
0.3375

41.1569, 0.2970,
0.3375

39.3959, 0.2860,
0.3445

43.1825, 0.3086,
0.3311

37.8829, 0.2759,
0.3521

45.4781, 0.3204,
0.3253

36.6078, 0.2669,
0.3603

48.0553, 0.3324,
0.3202

35.5573, 0.2594,
0.3689

50.9236, 0.3444,
0.3156

34.7170, 0.2535,
0.3778

54.0921, 0.3561,
0.3116

■ 34.0709, 0.2494,
0.3870

■ 56.7550, 0.3639,
0.3078

■ 33.6004, 0.2473,
0.3962

■ 56.9612, 0.3600,
0.3032

■ 33.2834, 0.2471,
0.4054

■ 57.1733, 0.3561,
0.2988

■ 33.1291, 0.2476,
0.4113

■ 57.3914, 0.3522,
0.2943

Harmonies

Analogous

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



41.1569, 0.3097, 0.3479



41.1569, 0.2970, 0.3375



41.1569, 0.2885, 0.3248

Triad

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



41.1569, 0.2970, 0.3375



41.1569, 0.3016, 0.3061



41.1569, 0.3397, 0.3436

Complementary

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



41.1569, 0.2970, 0.3375



34.6496, 0.3312, 0.3207

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.



41.1569, 0.3375, 0.3324



41.1569, 0.2970, 0.3375



41.1569, 0.3153, 0.3111

Square

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



41.1569, 0.2970, 0.3375



41.1569, 0.2911, 0.3070



41.1569, 0.3285, 0.3206



41.1569, 0.3346, 0.3512

Rectangle

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



41.1569, 0.2970, 0.3375



41.1569, 0.2863, 0.3170



41.1569, 0.3285, 0.3206



41.1569, 0.3398, 0.3401

Sweetspot

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



41.1586, 0.2970, 0.3375



77.1390, 0.3079, 0.3314



41.1166, 0.3163, 0.3635



16.6560, 0.3070, 0.3319



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



41.1586, 0.2970, 0.3375



72.8096, 0.2939, 0.3394



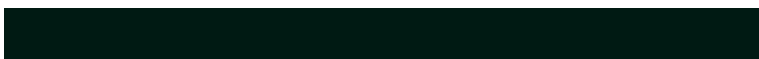
39.0792, 0.2922, 0.3204



9.5946, 0.3018, 0.3347



24.0163, 0.2473, 0.4103



0.7643, 0.2402, 0.3848

Inverse Universe

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



34.6496, 0.3312, 0.3207



59.0446, 0.3357, 0.3189



36.4564, 0.3359, 0.3375



8.5389, 0.3249, 0.3233



6.9134, 0.5897, 0.3022



0.2270, 0.5104, 0.2585

Previews

White Background



This preview shows how the Yxy color 41.1569, 0.2970, 0.3375 looks on a white background.

Color Contrast Check

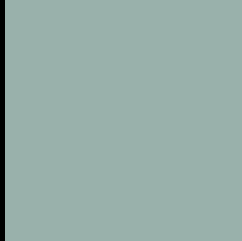
Large Text (above 18pt) WCAG AA × Fail

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 41.1569, 0.2970, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

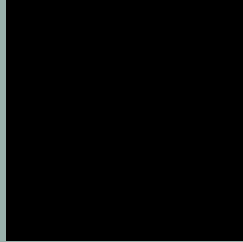
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

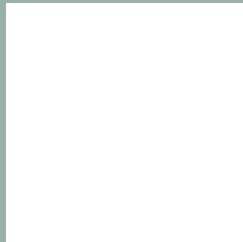
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1569, 0.2970, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 41.1569, 0.2970, 0.3375.



This preview shows how white text looks on a background with the Yxy color 41.1569, 0.2970, 0.3375.

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

41.1569, 0.2970, 0.3375

Protanopia

41.0298, 0.3197, 0.3345

Deuteranopia

40.8544, 0.3262, 0.3198



Tritanopia

40.9709, 0.2865, 0.3095

Trichromacy



Original Color

41.1569, 0.2970, 0.3375

Protanomaly

40.9298, 0.3115, 0.3360

Deuteranomaly

40.8420, 0.3156, 0.3263

Tritanomaly

41.0059, 0.2902, 0.3191

Monochromacy



Original Color

41.1569, 0.2970, 0.3375

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.1939, 0.3064, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1569, 0.2970, 0.3375 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(153, 177, 171)` looks like.

```
.text, #text, p{  
    color:rgb(153, 177, 171)  
}
```

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(153, 177, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 177, 171) }
```

Border

The CSS property to change the border of an element to Yxy 41.1569, 0.2970, 0.3375 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(153, 177, 171) }
```

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

```
.border{ border-color:rgb(153, 177, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 177, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 177, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 177, 171);  
box-shadow:4px 4px 4px 4px rgb(153, 177,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1569, 0.2970, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 177, 171) }
```

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

```
.background{ background-color: rgb(153,  
177, 171) }
```

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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