

Converting Colors

$Yxy(41.1794, 0.2813, 0.2944)$

Have a look what the booklet for
Yxy(41.1794, 0.2813, 0.2944)
contains.

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Color

Yxy(41.3353, 0.2815, 0.2950)

Conversions

Conversions Part 1

Format	Color
Hex	9FADC6
RGB	159, 173, 198
RGB Percent	62%, 68%, 78%
CMY	0.3763, 0.3216, 0.2234
CMYK	0.20, 0.13, 0.00, 0.22
HSL	219°, 25%, 70%
HSV	219°, 20%, 78%
XYZ	39.4437, 41.3353, 59.3407
YIQ	171.6640, -16.3690, 4.8070

Conversions

Conversions Part 2

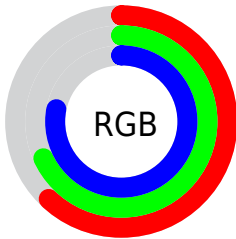
Format	Color
R _Y B	159, 169, 198
Decimal	10464710
CIE Lab	70.41, 0.49, -14.38
CIE LCh	70, 14.391, 271.957
Yxy	41.3353, 0.2815, 0.2950
Android (android.graphics.Color)	4288654790 (0xFF9FADC6)
YUV	171.6640, 12.9836, -11.1063
Hunter-Lab	64.2925, -3.0016, -9.7187

Details

The Yxy color **41.3353, 0.2815, 0.2950** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.8304, 0.3452, 0.3608**, and the grayscale version is **41.0207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0029, 0.2871, 0.3006**, and **18.8142, 0.2725, 0.2858** is the 20% darker color. If you saturate the color by 10%, you get **34.8234, 0.2644, 0.2748**, and if you desaturate by 10%, it is **48.6394, 0.2978, 0.3132**.

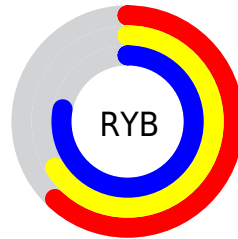
Distribution



Red (62%)

Green (68%)

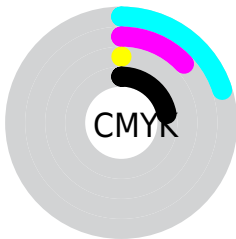
Blue (78%)



Red (62%)

Yellow (66%)

Blue (78%)

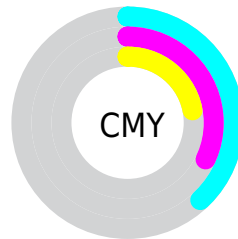


Cyan (20%)

Magenta (13%)

Yellow (0%)

Black (22%)



Cyan (38%)

Magenta (32%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3353, 0.2815, 0.2950 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 41.3353, 0.2815, 0.2950 by changing the saturation by 10% instead.

■ 41.3353, 0.2815,
0.2950

■ 41.3353, 0.2815,
0.2950

351.7200, 0.2973,
0.3122

■ 28.5812, 0.2775,
0.2907

■ 77.1926, 0.2873,
0.3013

■ 18.7642, 0.2723,
0.2850

■ 101.0646, 0.2895,
0.3036

■ 11.5000, 0.2654,
0.2775

129.4114, 0.2913,
0.3056

■ 6.4042, 0.2557,
0.2670

162.6172, 0.2928,
0.3073

■ 3.0924, 0.2410,
0.2512

201.0667, 0.2942,
0.3088

■ 1.1802, 0.2167,
0.2250

245.1440, 0.2954,

■ 0.0454, 0.0476,

0.3101

0.0392

295.2337, 0.2964,
0.3112

0.0000, 0.0000,
0.0000

41.3353, 0.2815,
0.2950

41.3353, 0.2815,
0.2950

34.8234, 0.2644,
0.2748

48.6394, 0.2978,
0.3132

29.0702, 0.2468,
0.2528

56.7575, 0.3132,
0.3295

24.0474, 0.2293,
0.2292

65.7165, 0.3274,
0.3438

19.7226, 0.2124,
0.2047

75.5409, 0.3405,
0.3565

16.0606, 0.1969,
0.1800

85.6688, 0.3503,
0.3678

■ 13.0225, 0.1835,
0.1560

■ 93.2807, 0.3477,
0.3798

■ 10.5644, 0.1729,
0.1338

■ 96.8584, 0.3466,
0.3850

■ 8.6181, 0.1651,
0.1141

■ 8.5628, 0.1649,
0.1135

Harmonies

Analogous

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



41.3353, 0.2733, 0.3038



41.3353, 0.2815, 0.2950



41.3353, 0.2980, 0.2951

Triad

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



41.3353, 0.2815, 0.2950



41.3353, 0.3517, 0.3359



41.3353, 0.3055, 0.3567

Complementary

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



41.3353, 0.2815, 0.2950



48.8304, 0.3452, 0.3608

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.



41.3353, 0.3265, 0.3655



41.3353, 0.2815, 0.2950



41.3353, 0.3537, 0.3525

Square

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



41.3353, 0.2815, 0.2950



41.3353, 0.3388, 0.3182



41.3353, 0.3443, 0.3637



41.3353, 0.2869, 0.3397

Rectangle

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



41.3353, 0.2815, 0.2950



41.3353, 0.3118, 0.2999



41.3353, 0.3443, 0.3637



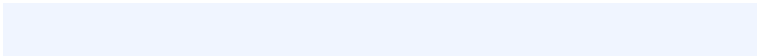
41.3353, 0.3125, 0.3607

Sweetspot

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



41.3370, 0.2815, 0.2950



91.1019, 0.3035, 0.3193



51.2253, 0.2931, 0.3481



19.2993, 0.3024, 0.3182



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



41.3370, 0.2815, 0.2950



67.6153, 0.2736, 0.2858



36.8097, 0.2848, 0.2761



10.8980, 0.2983, 0.3137



5.7151, 0.1656, 0.1159



0.4075, 0.1775, 0.1590

Inverse Universe

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



39.8386, 0.3378, 0.3112



64.6964, 0.3453, 0.3067



54.2198, 0.3377, 0.3782



10.6986, 0.3234, 0.3208



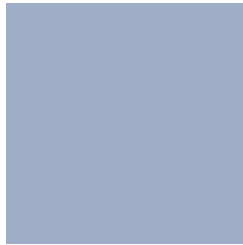
8.1169, 0.5524, 0.2817



0.3982, 0.4943, 0.2497

Previews

White Background



This preview shows how the Yxy color 41.3353, 0.2815, 0.2950 looks on a white background.

Color Contrast Check

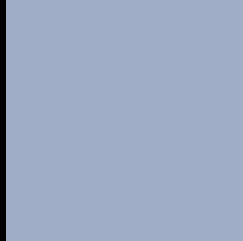
Large Text (above 18pt) WCAG AA × Fail

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 41.3353, 0.2815, 0.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

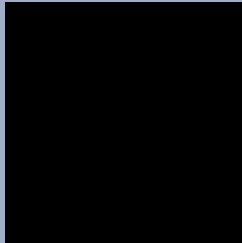
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

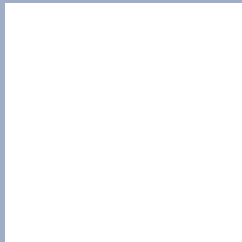
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.3353, 0.2815, 0.2950

Background



This preview shows how black text looks on a background with the Yxy color 41.3353, 0.2815, 0.2950.

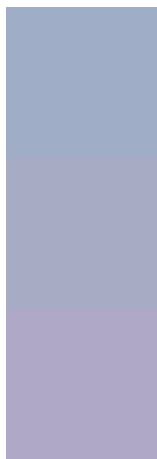


This preview shows how white text looks on a background with the Yxy color 41.3353, 0.2815, 0.2950.

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

41.3353, 0.2815, 0.2950

Protanopia

41.4362, 0.2901, 0.2956

Deuteranopia

41.3589, 0.2945, 0.2885



Tritanopia

41.4589, 0.2873, 0.3109

Trichromacy



Original Color

41.3353, 0.2815, 0.2950

Protanomaly

41.5356, 0.2870, 0.2954

Deuteranomaly

41.4190, 0.2895, 0.2906

Tritanomaly

41.3470, 0.2851, 0.3042

Monochromacy



Original Color

41.3353, 0.2815, 0.2950

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.0567, 0.3010, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3353, 0.2815, 0.2950 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(159, 173, 198)` looks like.

```
.text, #text, p{  
    color:rgb(159, 173, 198)  
}
```

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(159, 173, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 173, 198) }
```

Border

The CSS property to change the border of an element to Yxy 41.3353, 0.2815, 0.2950 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(159, 173, 198) }
```

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

```
.border{ border-color:rgb(159, 173, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 173, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 173, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 173, 198); box-shadow:4px 4px 4px 4px rgb(159, 173, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3353, 0.2815, 0.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 173, 198) }
```

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

```
.background{ background-color: rgb(159,  
173, 198) }
```

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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