

Converting Colors

$Yxy(41.6015, 0.2884, 0.3032)$

Have a look what the booklet for
Yxy(41.6015, 0.2884, 0.3032)
contains.

Yxy(41.3743, 0.2883, 0.3031)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.3743, 0.2883, 0.3031)

Conversions

Conversions Part 1

Format	Color
Hex	A2ADC0
RGB	162, 173, 192
RGB Percent	64%, 68%, 75%
CMY	0.3648, 0.3215, 0.2471
CMYK	0.16, 0.10, 0.00, 0.25
HSL	218°, 19%, 69%
HSV	218°, 16%, 75%
XYZ	39.3540, 41.3743, 55.7755
YIQ	171.8770, -12.6550, 3.5770

Conversions

Conversions Part 2

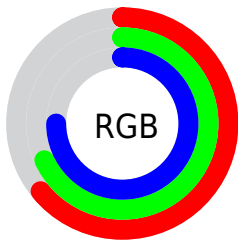
Format	Color
RYB	162, 170, 192
Decimal	10661312
CIELab	70.44, 0.09, -11.00
CIELCh	70, 10.997, 270.477
Yxy	41.3743, 0.2883, 0.3031
Android (android.graphics.Color)	4288851392 (0xFFA2ADC0)
YUV	171.8770, 9.9206, -8.6621
Hunter-Lab	64.3229, -3.3550, -6.3854

Details

The Yxy color $41.3743, 0.2883, 0.3031$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.8447, 0.3380, 0.3536$, and the grayscale version is $41.1423, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.0158, 0.2931, 0.3079$, and $18.8538, 0.2806, 0.2950$ is the 20% darker color. If you saturate the color by 10%, you get $35.0694, 0.2715, 0.2841$, and if you desaturate by 10%, it is $48.4128, 0.3042, 0.3202$.

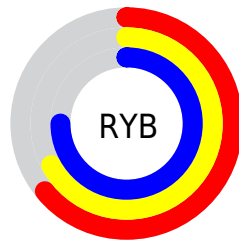
Distribution



Red (64%)

Green (68%)

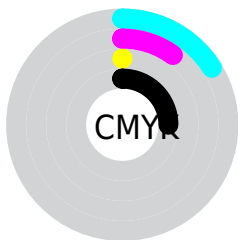
Blue (75%)



Red (64%)

Yellow (67%)

Blue (75%)

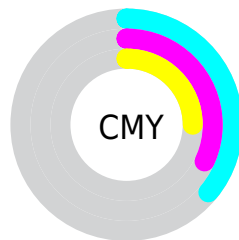


Cyan (16%)

Magenta (10%)

Yellow (0%)

Black (25%)



Cyan (36%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3743, 0.2883, 0.3031 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 41.3743, 0.2883, 0.3031 by changing the saturation by 10% instead.

■ 41.3743, 0.2883,
0.3031

■ 41.3743, 0.2883,
0.3031

351.8826, 0.3007,
0.3163

■ 28.6117, 0.2851,
0.2998

■ 77.2518, 0.2928,
0.3079

■ 18.7873, 0.2811,
0.2954

■ 101.1354, 0.2945,
0.3097

■ 11.5167, 0.2756,
0.2896

129.4948, 0.2960,
0.3112

■ 6.4155, 0.2678,
0.2814

162.7144, 0.2972,
0.3125

■ 3.0993, 0.2560,
0.2689

201.1786, 0.2982,
0.3137

■ 1.1838, 0.2361,
0.2478

245.2718, 0.2992,

■ 0.0484, 0.0526,

0.3146

0.0527

295.3783, 0.3000,
0.3155

0.0000, 0.0000,
0.0000

41.3743, 0.2883,
0.3031

41.3743, 0.2883,
0.3031

35.0694, 0.2715,
0.2841

48.4128, 0.3042,
0.3202

29.4680, 0.2542,
0.2631

56.2035, 0.3191,
0.3354

24.5449, 0.2367,
0.2406

64.7708, 0.3329,
0.3488

20.2719, 0.2197,
0.2168

74.1364, 0.3455,
0.3606

16.6180, 0.2037,
0.1925

83.7524, 0.3549,
0.3711

■ 13.5495, 0.1895,
0.1684

■ 90.8937, 0.3522,
0.3826

■ 11.0287, 0.1778,
0.1455

■ 96.5854, 0.3502,
0.3910

■ 9.0112, 0.1690,
0.1249

■ 8.2576, 0.1657,
0.1166

Harmonies

Analogous

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



41.3743, 0.2823, 0.3104



41.3743, 0.2883, 0.3031



41.3743, 0.3008, 0.3027

Triad

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



41.3743, 0.2883, 0.3031



41.3743, 0.3421, 0.3338



41.3743, 0.3081, 0.3505

Complementary

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



41.3743, 0.2883, 0.3031



46.8447, 0.3380, 0.3536

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.



41.3743, 0.3242, 0.3568



41.3743, 0.2883, 0.3031



41.3743, 0.3441, 0.3466

Square

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



41.3743, 0.2883, 0.3031



41.3743, 0.3320, 0.3201



41.3743, 0.3374, 0.3552



41.3743, 0.2935, 0.3379

Rectangle

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



41.3743, 0.2883, 0.3031



41.3743, 0.3113, 0.3061



41.3743, 0.3374, 0.3552



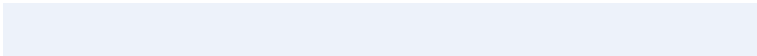
41.3743, 0.3135, 0.3534

Sweetspot

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



41.3760, 0.2883, 0.3031



88.4732, 0.3051, 0.3211



48.6899, 0.2974, 0.3445



18.7760, 0.3040, 0.3200



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



41.3760, 0.2883, 0.3031



70.6301, 0.2822, 0.2963



37.6898, 0.2907, 0.2880



10.3408, 0.2984, 0.3140



5.6941, 0.1664, 0.1189



0.3781, 0.1792, 0.1651

Inverse Universe

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



40.0563, 0.3315, 0.3147



67.9040, 0.3368, 0.3111



51.0572, 0.3329, 0.3676



10.1377, 0.3233, 0.3206



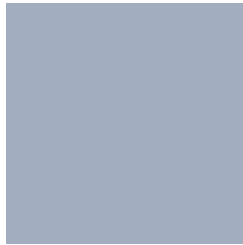
7.8571, 0.5482, 0.2794



0.3528, 0.4867, 0.2455

Previews

White Background



This preview shows how the Yxy color 41.3743, 0.2883, 0.3031 looks on a white background.

Color Contrast Check

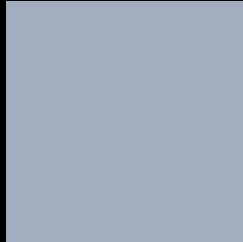
Large Text (above 18pt) WCAG AA × Fail

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 41.3743, 0.2883, 0.3031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

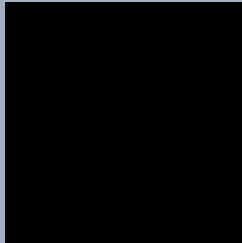
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

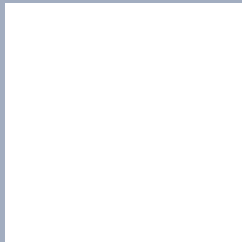
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.3743, 0.2883, 0.3031

Background



This preview shows how black text looks on a background with the Yxy color 41.3743, 0.2883, 0.3031.



This preview shows how white text looks on a background with the Yxy color 41.3743, 0.2883, 0.3031.

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

41.3743, 0.2883, 0.3031

Protanopia

41.4335, 0.2957, 0.3022

Deuteranopia

41.4392, 0.3018, 0.2962



Tritanopia

41.4800, 0.2905, 0.3097

Trichromacy



Original Color

41.3743, 0.2883, 0.3031

Protanomaly

41.4821, 0.2932, 0.3033

Deuteranomaly

41.4839, 0.2966, 0.2984

Tritanomaly

41.5233, 0.2898, 0.3084

Monochromacy



Original Color

41.3743, 0.2883, 0.3031

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.0846, 0.3035, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3743, 0.2883, 0.3031 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(162, 173, 192)` looks like.

```
.text, #text, p{  
    color:rgb(162, 173, 192)  
}
```

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(162, 173, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 173, 192) }
```

Border

The CSS property to change the border of an element to Yxy 41.3743, 0.2883, 0.3031 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(162, 173, 192) }
```

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

```
.border{ border-color:rgb(162, 173, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 173, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 173, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 173, 192);  
box-shadow:4px 4px 4px 4px rgb(162, 173,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3743, 0.2883, 0.3031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 173, 192) }
```

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

```
.background{ background-color: rgb(162,  
173, 192) }
```

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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