

Converting Colors

$Y_{xy}(43.5425, 0.2918, 0.3002)$

Have a look what the booklet for
Yxy(43.5425, 0.2918, 0.3002)
contains.

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Color

Yxy(43.3491, 0.2920, 0.3000)

Conversions

Conversions Part 1

Format	Color
Hex	ABAFC5
RGB	171, 175, 197
RGB Percent	67%, 69%, 77%
CMY	0.3296, 0.3136, 0.2275
CMYK	0.13, 0.11, 0.00, 0.23
HSL	231°, 18%, 72%
HSV	231°, 13%, 77%
XYZ	42.1931, 43.3491, 58.9548
YIQ	176.3120, -9.4460, 5.9940

Conversions

Conversions Part 2

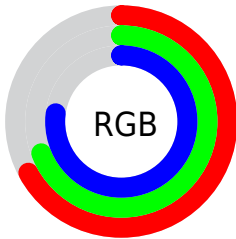
Format	Color
RYP	171, 174, 197
Decimal	11251653
CIELab	71.79, 3.01, -11.65
CIElCh	72, 12.029, 284.492
Yxy	43.3491, 0.2920, 0.3000
Android (android.graphics.Color)	4289441733 (0xFFABAFC5)
YUV	176.3120, 10.1992, -4.6586
Hunter-Lab	65.8400, -0.8296, -7.0017

Details

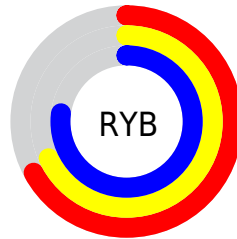
The Yxy color **43.3491, 0.2920, 0.3000** is a light color, and the websafe version is hex **999999**. A complement of this color would be **52.9090, 0.3329, 0.3564**, and the grayscale version is **43.5339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9181, 0.2953, 0.3044**, and **20.0710, 0.2867, 0.2928** is the 20% darker color. If you saturate the color by 10%, you get **35.2242, 0.2745, 0.2748**, and if you desaturate by 10%, it is **52.6036, 0.3079, 0.3224**.

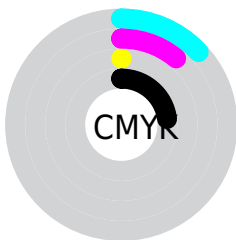
Distribution



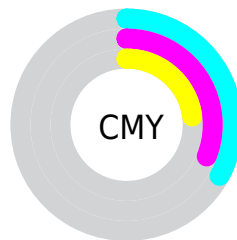
- Red (67%)
- Green (69%)
- Blue (77%)



- Red (67%)
- Yellow (68%)
- Blue (77%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)
- Black (23%)



- Cyan (33%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3491, 0.2920, 0.3000 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 43.3491, 0.2920, 0.3000 by changing the saturation by 10% instead.

■ 43.3491, 0.2920,
0.3000

■ 43.3491, 0.2920,
0.3000

360.0455, 0.3025,
0.3145

■ 30.1591, 0.2893,
0.2964

■ 80.2374, 0.2958,
0.3053

■ 19.9594, 0.2859,
0.2917

104.7045, 0.2973,
0.3073

■ 12.3655, 0.2813,
0.2855

133.6995, 0.2985,
0.3089

■ 6.9931, 0.2749,
0.2769

167.6066, 0.2995,
0.3104

■ 3.4578, 0.2651,
0.2640

206.8104, 0.3004,
0.3116

■ 1.3752, 0.2488,
0.2430

251.6952, 0.3012,

■ 0.1983, 0.1756,

0.3127

0.1329

302.6454, 0.3019,
0.3137

0.0000, 0.0000,
0.0000

43.3491, 0.2920,
0.3000

43.3491, 0.2920,
0.3000

35.2242, 0.2745,
0.2748

52.6036, 0.3079,
0.3224

28.1803, 0.2557,
0.2471

63.0233, 0.3223,
0.3421

22.1729, 0.2360,
0.2172

74.6488, 0.3350,
0.3592

17.1525, 0.2162,
0.1861

87.5173, 0.3463,
0.3741

13.0654, 0.1974,
0.1553

96.8104, 0.3472,
0.3860

■ 9.8529, 0.1806,
0.1265

■ 7.4491, 0.1671,
0.1016

■ 5.7783, 0.1578,
0.0823

■ 4.9984, 0.1535,
0.0727

Harmonies

Analogous

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



43.3491, 0.2820, 0.3044



43.3491, 0.2920, 0.3000



43.3491, 0.3077, 0.3030

Triad

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



43.3491, 0.2920, 0.3000



43.3491, 0.3466, 0.3409



43.3491, 0.2999, 0.3464

Complementary

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



43.3491, 0.2920, 0.3000



52.9090, 0.3329, 0.3564

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.



43.3491, 0.3170, 0.3568



43.3491, 0.2920, 0.3000



43.3491, 0.3442, 0.3531

Square

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



43.3491, 0.2920, 0.3000



43.3491, 0.3395, 0.3261



43.3491, 0.3333, 0.3592



43.3491, 0.2865, 0.3311

Rectangle

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



43.3491, 0.2920, 0.3000



43.3491, 0.3194, 0.3087



43.3491, 0.3333, 0.3592



43.3491, 0.3054, 0.3507

Sweetspot

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



43.3509, 0.2920, 0.3000



92.7476, 0.3067, 0.3206



52.4112, 0.2957, 0.3345



19.5681, 0.3055, 0.3190



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.



43.3509, 0.2920, 0.3000



73.0341, 0.2869, 0.2927



42.7979, 0.2992, 0.2953



10.5506, 0.2983, 0.3089



3.3681, 0.1540, 0.0742



0.2466, 0.1632, 0.1075

Inverse Universe

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



44.0723, 0.3330, 0.3239



74.6522, 0.3386, 0.3226



53.5928, 0.3251, 0.3620



10.6635, 0.3265, 0.3254



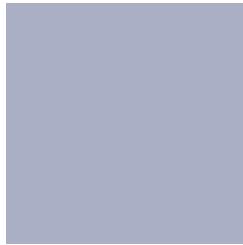
7.8800, 0.6163, 0.3169



0.3819, 0.5647, 0.2884

Previews

White Background



This preview shows how the Yxy color 43.3491, 0.2920, 0.3000 looks on a white background.

Color Contrast Check

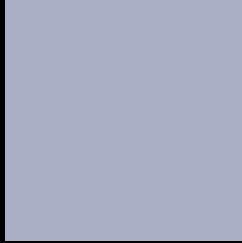
Large Text (above 18pt) WCAG AA × Fail

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 43.3491, 0.2920, 0.3000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

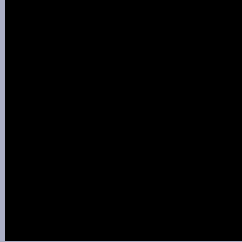
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

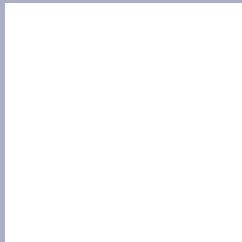
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3491, 0.2920, 0.3000

Background



This preview shows how black text looks on a background with the Yxy color 43.3491, 0.2920, 0.3000.

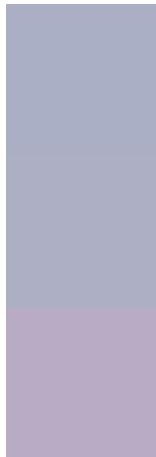


This preview shows how white text looks on a background with the Yxy color 43.3491, 0.2920, 0.3000.

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

43.3491, 0.2920, 0.3000

Protanopia

43.5754, 0.2937, 0.3001

Deuteranopia

43.2703, 0.3013, 0.2944



Tritanopia

43.3144, 0.2965, 0.3103

Trichromacy



Original Color

43.3491, 0.2920, 0.3000

Protanomaly

43.4618, 0.2928, 0.3000

Deuteranomaly

43.1660, 0.2979, 0.2953

Tritanomaly

43.4470, 0.2942, 0.3064

Monochromacy



Original Color

43.3491, 0.2920, 0.3000

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.5100, 0.3046, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3491, 0.2920, 0.3000 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(171, 175, 197)` looks like.

```
.text, #text, p{  
    color:rgb(171, 175, 197)  
}
```

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(171, 175, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 175, 197) }
```

Border

The CSS property to change the border of an element to Yxy 43.3491, 0.2920, 0.3000 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(171, 175, 197) }
```

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

```
.border{ border-color:rgb(171, 175, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 175, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 175, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 175, 197);  
box-shadow:4px 4px 4px 4px rgb(171, 175,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3491, 0.2920, 0.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 175, 197) }
```

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

```
.background{ background-color: rgb(171,  
175, 197) }
```

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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