

Converting Colors

$Y_{xy}(42.4001, 0.2902, 0.2984)$

Have a look what the booklet for
Yxy(42.4001, 0.2902, 0.2984)
contains.

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Color

Yxy(42.1975, 0.2902, 0.2983)

Conversions

Conversions Part 1

Format	Color
Hex	A8ADC4
RGB	168, 173, 196
RGB Percent	66%, 68%, 77%
CMY	0.3413, 0.3215, 0.2313
CMYK	0.14, 0.12, 0.00, 0.23
HSL	229°, 19%, 71%
HSV	229°, 14%, 77%
XYZ	41.0517, 42.1975, 58.2108
YIQ	174.1270, -10.3630, 6.0930

Conversions

Conversions Part 2

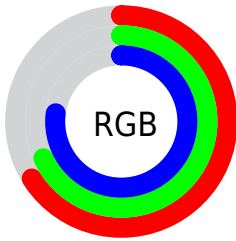
Format	Color
RYB	168, 172, 196
Decimal	11054532
CIELab	71.01, 2.92, -12.31
CIELCh	71, 12.652, 283.345
Yxy	42.1975, 0.2902, 0.2983
Android (android.graphics.Color)	4289244612 (0xFFA8ADC4)
YUV	174.1270, 10.7834, -5.3734
Hunter-Lab	64.9596, -0.8750, -7.6585

Details

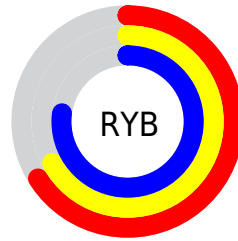
The Yxy color $42.1975, 0.2902, 0.2983$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $51.8109, 0.3348, 0.3579$, and the grayscale version is $42.3426, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.2666, 0.2940, 0.3031$, and $19.3407, 0.2842, 0.2904$ is the 20% darker color. If you saturate the color by 10%, you get $34.4083, 0.2727, 0.2736$, and if you desaturate by 10%, it is $51.0564, 0.3063, 0.3203$.

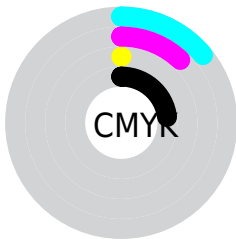
Distribution



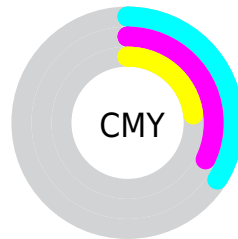
- Red (66%)
- Green (68%)
- Blue (77%)



- Red (66%)
- Yellow (67%)
- Blue (77%)



- Cyan (14%)
- Magenta (12%)
- Yellow (0%)
- Black (23%)





- Cyan (34%)
- Magenta (32%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1975, 0.2902, 0.2983 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 42.1975, 0.2902, 0.2983 by changing the saturation by 10% instead.

 42.1975, 0.2902,
0.2983


 42.1975, 0.2902,
0.2983


355.3010, 0.3016,
0.3137

 29.2560, 0.2873,
0.2944


 78.4984, 0.2944,
0.3039

 19.2745, 0.2835,
0.2894


 102.6267, 0.2960,
0.3060

 11.8688, 0.2785,
0.2828


131.2525, 0.2973,
0.3078

 6.6544, 0.2714,
0.2735

164.7605, 0.2984,
0.3093

 3.2469, 0.2605,
0.2596

203.5349, 0.2994,
0.3107

 1.2620, 0.2423,
0.2367

247.9602, 0.3002,

 0.1115, 0.1395,

0.3118

0.0877

298.4208, 0.3010,
0.3128

0.0000, 0.0000,
0.0000

42.1975, 0.2902,
0.2983

42.1975, 0.2902,
0.2983

34.4083, 0.2727,
0.2736

51.0564, 0.3063,
0.3203

27.6429, 0.2539,
0.2464

61.0182, 0.3208,
0.3397

21.8597, 0.2344,
0.2172

72.1211, 0.3338,
0.3567

17.0122, 0.2150,
0.1868

84.4001, 0.3453,
0.3714

13.0502, 0.1965,
0.1567

95.7470, 0.3481,
0.3855

■ 9.9184, 0.1802,
0.1284

■ 96.7660, 0.3478,
0.3870

■ 7.5552, 0.1672,
0.1038

■ 5.8893, 0.1581,
0.0845

■ 5.2022, 0.1545,
0.0760

Harmonies

Analogous

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



42.1975, 0.2799, 0.3032



42.1975, 0.2902, 0.2983



42.1975, 0.3067, 0.3012

Triad

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



42.1975, 0.2902, 0.2983



42.1975, 0.3485, 0.3410



42.1975, 0.2998, 0.3481

Complementary

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



42.1975, 0.2902, 0.2983



51.8109, 0.3348, 0.3579

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.



42.1975, 0.3179, 0.3589



42.1975, 0.2902, 0.2983



42.1975, 0.3464, 0.3541

Square

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



42.1975, 0.2902, 0.2983



42.1975, 0.3407, 0.3253



42.1975, 0.3351, 0.3609



42.1975, 0.2853, 0.3318

Rectangle

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



42.1975, 0.2902, 0.2983



42.1975, 0.3191, 0.3071



42.1975, 0.3351, 0.3609



42.1975, 0.3056, 0.3525

Sweetspot

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



42.1993, 0.2902, 0.2983



92.8943, 0.3066, 0.3208



51.5615, 0.2947, 0.3357



19.6051, 0.3055, 0.3193



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.



42.1993, 0.2902, 0.2983



72.0600, 0.2852, 0.2913



41.3099, 0.2975, 0.2922



10.0344, 0.2983, 0.3095



3.4339, 0.1550, 0.0778



0.2400, 0.1657, 0.1165

Inverse Universe

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



42.7491, 0.3344, 0.3226



73.3100, 0.3397, 0.3212



52.8914, 0.3265, 0.3648



10.1068, 0.3261, 0.3249



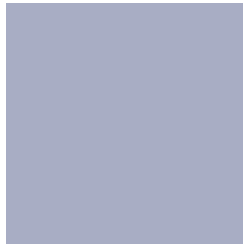
7.6289, 0.6105, 0.3137



0.3389, 0.5516, 0.2812

Previews

White Background



This preview shows how the Yxy color 42.1975, 0.2902, 0.2983 looks on a white background.

Color Contrast Check

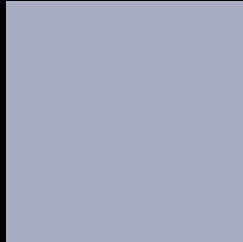
Large Text (above 18pt) WCAG AA × Fail

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 42.1975, 0.2902, 0.2983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

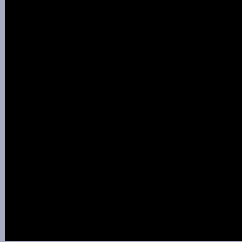
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.1975, 0.2902, 0.2983

Background



This preview shows how black text looks on a background with the Yxy color 42.1975, 0.2902, 0.2983.



This preview shows how white text looks on a background with the Yxy color 42.1975, 0.2902, 0.2983.

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

42.1975, 0.2902, 0.2983

Protanopia

42.0366, 0.2918, 0.2971

Deuteranopia

42.1105, 0.2995, 0.2927



Tritanopia

42.1184, 0.2955, 0.3100

Trichromacy



Original Color

42.1975, 0.2902, 0.2983

Protanomaly

41.9256, 0.2910, 0.2970

Deuteranomaly

42.0108, 0.2961, 0.2936

Tritanomaly

42.2492, 0.2932, 0.3061

Monochromacy



Original Color

42.1975, 0.2902, 0.2983

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.4202, 0.3045, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1975, 0.2902, 0.2983 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(168, 173, 196)` looks like.

```
.text, #text, p{  
    color:rgb(168, 173, 196)  
}
```

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(168, 173, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 173, 196) }
```

Border

The CSS property to change the border of an element to Yxy 42.1975, 0.2902, 0.2983 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(168, 173, 196) }
```

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

```
.border{ border-color:rgb(168, 173, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 173, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 173, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 173, 196);  
box-shadow:4px 4px 4px 4px rgb(168, 173,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1975, 0.2902, 0.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 173, 196) }
```

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

```
.background{ background-color: rgb(168,  
173, 196) }
```

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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