

Converting Colors

$Yxy(41.9944, 0.2919, 0.3026)$

Have a look what the booklet for
Yxy(41.9944, 0.2919, 0.3026)
contains.

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Color

Yxy(41.9529, 0.2917, 0.3021)

Conversions

Conversions Part 1

Format	Color
Hex	A7ADC1
RGB	167, 173, 193
RGB Percent	65%, 68%, 76%
CMY	0.3450, 0.3216, 0.2432
CMYK	0.13, 0.10, 0.00, 0.24
HSL	226°, 17%, 71%
HSV	226°, 13%, 76%
XYZ	40.5086, 41.9529, 56.4094
YIQ	173.4860, -9.9960, 4.9480

Conversions

Conversions Part 2

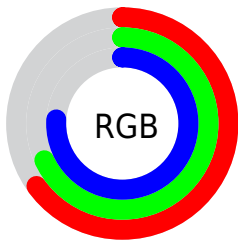
Format	Color
R _{YB}	167, 172, 193
Decimal	10988993
CIE _{Lab}	70.84, 1.97, -10.91
CIE _{LCh}	71, 11.086, 280.249
Yxy	41.9529, 0.2917, 0.3021
Android (android.graphics.Color)	4289179073 (0xFFA7ADC1)
YUV	173.4860, 9.6204, -5.6882
Hunter-Lab	64.7711, -1.7132, -6.2961

Details

The Yxy color **41.9529, 0.2917, 0.3021** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.6768, 0.3336, 0.3545**, and the grayscale version is **42.0065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8560, 0.2957, 0.3071**, and **19.1837, 0.2861, 0.2956** is the 20% darker color. If you saturate the color by 10%, you get **34.6209, 0.2745, 0.2792**, and if you desaturate by 10%, it is **50.2360, 0.3076, 0.3225**.

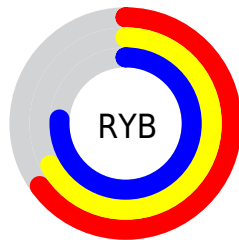
Distribution



Red (65%)

Green (68%)

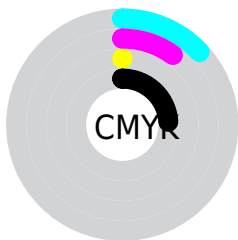
Blue (76%)



Red (65%)

Yellow (67%)

Blue (76%)

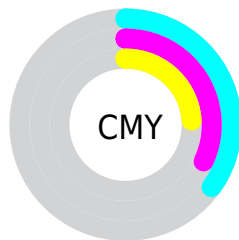


Cyan (13%)

Magenta (10%)

Yellow (0%)

Black (24%)



Cyan (35%)

Magenta (32%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.9529, 0.2917, 0.3021 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 41.9529, 0.2917, 0.3021 by changing the saturation by 10% instead.

■ 41.9529, 0.2917,
0.3021

■ 41.9529, 0.2917,
0.3021

354.2877, 0.3024,
0.3157

■ 29.0644, 0.2890,
0.2987

■ 78.1283, 0.2956,
0.3071

■ 19.1296, 0.2855,
0.2943

■ 102.1841, 0.2971,
0.3089

■ 11.7639, 0.2807,
0.2883

130.7310, 0.2983,
0.3105

■ 6.5831, 0.2740,
0.2800

164.1536, 0.2994,
0.3118

■ 3.2028, 0.2639,
0.2675

202.8361, 0.3003,
0.3130

■ 1.2385, 0.2466,
0.2466

247.1630, 0.3011,

■ 0.0928, 0.1248,

0.3140

0.0849

297.5188, 0.3018,
0.3149

0.0000, 0.0000,
0.0000

41.9529, 0.2917,
0.3021

41.9529, 0.2917,
0.3021

34.6209, 0.2745,
0.2792

50.2360, 0.3076,
0.3225

28.2003, 0.2562,
0.2540

59.4977, 0.3220,
0.3405

22.6562, 0.2373,
0.2267

69.7709, 0.3350,
0.3563

17.9494, 0.2184,
0.1981

81.0851, 0.3467,
0.3700

14.0375, 0.2004,
0.1692

91.8166, 0.3513,
0.3829

■ 10.8744, 0.1843,
0.1415

■ 96.6299, 0.3496,
0.3900

■ 8.4086, 0.1710,
0.1165

■ 6.5814, 0.1614,
0.0956

■ 5.6799, 0.1568,
0.0845

Harmonies

Analogous

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



41.9529, 0.2833, 0.3072



41.9529, 0.2917, 0.3021



41.9529, 0.3058, 0.3039

Triad

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



41.9529, 0.2917, 0.3021



41.9529, 0.3438, 0.3383



41.9529, 0.3029, 0.3469

Complementary

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



41.9529, 0.2917, 0.3021



49.6768, 0.3336, 0.3545

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.



41.9529, 0.3190, 0.3557



41.9529, 0.2917, 0.3021



41.9529, 0.3429, 0.3501

Square

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



41.9529, 0.2917, 0.3021



41.9529, 0.3361, 0.3244



41.9529, 0.3337, 0.3567



41.9529, 0.2897, 0.3331

Rectangle

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



41.9529, 0.2917, 0.3021



41.9529, 0.3167, 0.3087



41.9529, 0.3337, 0.3567



41.9529, 0.3082, 0.3506

Sweetspot

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



41.9546, 0.2917, 0.3021



89.0294, 0.3066, 0.3213



49.9397, 0.2967, 0.3370



18.8468, 0.3055, 0.3199



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.



41.9546, 0.2917, 0.3021



71.3063, 0.2870, 0.2960



40.4901, 0.2974, 0.2945



10.1155, 0.2983, 0.3107



3.8806, 0.1574, 0.0865



0.2761, 0.1695, 0.1303

Inverse Universe

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



42.0006, 0.3317, 0.3213



71.4776, 0.3364, 0.3196



51.3750, 0.3268, 0.3625



10.1150, 0.3254, 0.3237



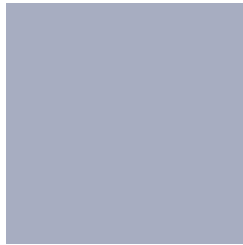
7.6740, 0.5967, 0.3061



0.3425, 0.5323, 0.2706

Previews

White Background



This preview shows how the Yxy color 41.9529, 0.2917, 0.3021 looks on a white background.

Color Contrast Check

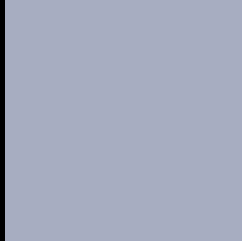
Large Text (above 18pt) WCAG AA × Fail

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 41.9529, 0.2917, 0.3021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

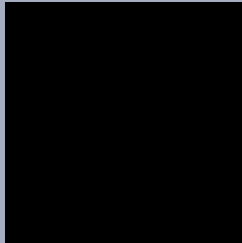
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

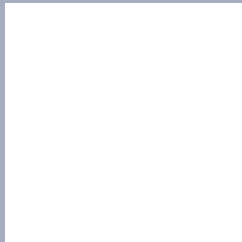
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.9529, 0.2917, 0.3021

Background



This preview shows how black text looks on a background with the Yxy color 41.9529, 0.2917, 0.3021.



This preview shows how white text looks on a background with the Yxy color 41.9529, 0.2917, 0.3021.

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

41.9529, 0.2917, 0.3021

Protanopia

41.9687, 0.2958, 0.3023

Deuteranopia

41.9743, 0.3019, 0.2964



Tritanopia

42.0099, 0.2947, 0.3100

Trichromacy



Original Color

41.9529, 0.2917, 0.3021

Protanomaly

41.8569, 0.2949, 0.3022

Deuteranomaly

41.7585, 0.2976, 0.2973

Tritanomaly

42.0968, 0.2932, 0.3073

Monochromacy



Original Color

41.9529, 0.2917, 0.3021

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.8404, 0.3052, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9529, 0.2917, 0.3021 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(167, 173, 193)` looks like.

```
.text, #text, p{  
    color:rgb(167, 173, 193)  
}
```

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(167, 173, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 173, 193) }
```

Border

The CSS property to change the border of an element to Yxy 41.9529, 0.2917, 0.3021 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(167, 173, 193) }
```

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

```
.border{ border-color:rgb(167, 173, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 173, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 173, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 173, 193);  
box-shadow:4px 4px 4px 4px rgb(167, 173,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9529, 0.2917, 0.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 173, 193) }
```

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

```
.background{ background-color: rgb(167,  
173, 193) }
```

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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