

Converting Colors

$Yxy(43.0507, 0.3023, 0.3058)$

Have a look what the booklet for
Yxy(43.0507, 0.3023, 0.3058)
contains.

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Color

Yxy(42.9958, 0.3016, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	B1ADBFB
RGB	177, 173, 191
RGB Percent	69%, 68%, 75%
CMY	0.3060, 0.3215, 0.2509
CMYK	0.07, 0.09, 0.00, 0.25
HSL	253°, 12%, 71%
HSV	253°, 9%, 75%
XYZ	42.4747, 42.9958, 55.3608
YIQ	176.2480, -3.3940, 6.4460

Conversions

Conversions Part 2

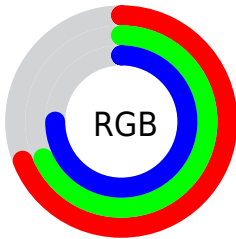
Format	Color
RYB	177, 173, 191
Decimal	11644351
CIELab	71.55, 4.89, -8.68
CIELCh	72, 9.959, 299.393
Yxy	42.9958, 0.3016, 0.3053
Android (android.graphics.Color)	4289834431 (0xFFB1ADBF)
YUV	176.2480, 7.2727, 0.6595
Hunter-Lab	65.5712, 0.8765, -4.1579

Details

The Yxy color $42.9958, 0.3016, 0.3053$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $50.8603, 0.3232, 0.3521$, and the grayscale version is $43.5139, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.5258, 0.3042, 0.3096$, and $19.7948, 0.2974, 0.2983$ is the 20% darker color. If you saturate the color by 10%, you get $34.5319, 0.2881, 0.2774$, and if you desaturate by 10%, it is $52.7020, 0.3133, 0.3304$.

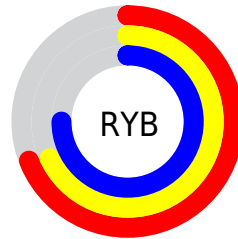
Distribution



Red (69%)

Green (68%)

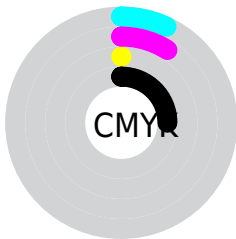
Blue (75%)



Red (69%)

Yellow (68%)

Blue (75%)

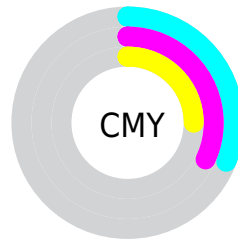


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (31%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9958, 0.3016, 0.3053 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 42.9958, 0.3016, 0.3053 by changing the saturation by 10% instead.

■ 42.9958, 0.3016,
0.3053

■ 42.9958, 0.3016,
0.3053

■ 358.5945, 0.3073,
0.3172

■ 29.8818, 0.3001,
0.3023

■ 79.7045, 0.3037,
0.3096

■ 19.7489, 0.2983,
0.2985

■ 104.0681, 0.3045,
0.3112

■ 12.2127, 0.2957,
0.2934

■ 132.9502, 0.3051,
0.3126

■ 6.8887, 0.2921,
0.2863

■ 166.7354, 0.3057,
0.3138

■ 3.3926, 0.2865,
0.2757

■ 205.8081, 0.3062,
0.3148

■ 1.3400, 0.2769,
0.2581

■ 250.5525, 0.3066,

■ 0.1718, 0.2264,

0.3157

0.1377

301.3532, 0.3069,
0.3165

0.0000, 0.0000,
0.0000

42.9958, 0.3016,
0.3053

42.9958, 0.3016,
0.3053

34.5319, 0.2881,
0.2774

52.7020, 0.3133,
0.3304

27.2543, 0.2728,
0.2470

63.6923, 0.3234,
0.3526

21.1112, 0.2560,
0.2147

76.0136, 0.3321,
0.3722

16.0445, 0.2380,
0.1816

89.7085, 0.3394,
0.3894

11.9910, 0.2195,
0.1493

95.8847, 0.3484,
0.3924

■ 8.8808, 0.2015,
0.1200

■ 96.5424, 0.3508,
0.3919

■ 6.6349, 0.1853,
0.0956

■ 5.1607, 0.1719,
0.0779

■ 4.2956, 0.1619,
0.0668

Harmonies

Analogous

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



42.9958, 0.2906, 0.3059



42.9958, 0.3016, 0.3053



42.9958, 0.3158, 0.3107

Triad

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



42.9958, 0.3016, 0.3053



42.9958, 0.3408, 0.3445



42.9958, 0.2960, 0.3374

Complementary

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



42.9958, 0.3016, 0.3053



50.8603, 0.3232, 0.3521

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.



42.9958, 0.3091, 0.3484



42.9958, 0.3016, 0.3053



42.9958, 0.3351, 0.3523

Square

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



42.9958, 0.3016, 0.3053



42.9958, 0.3387, 0.3329



42.9958, 0.3235, 0.3539



42.9958, 0.2874, 0.3242

Rectangle

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



42.9958, 0.3016, 0.3053



42.9958, 0.3253, 0.3169



42.9958, 0.3235, 0.3539



42.9958, 0.3000, 0.3415

Sweetspot

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



42.9976, 0.3016, 0.3053



87.8150, 0.3093, 0.3216



48.2386, 0.2983, 0.3239



18.9693, 0.3083, 0.3196



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.



42.9976, 0.3016, 0.3053



74.1854, 0.2994, 0.3006



44.0831, 0.3093, 0.3059



9.3237, 0.3017, 0.3055



2.8246, 0.1624, 0.0668



0.1402, 0.1869, 0.0803

Inverse Universe

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



44.5614, 0.3171, 0.3111



77.4718, 0.3179, 0.3077



49.7659, 0.3158, 0.3526



9.6594, 0.3170, 0.3113



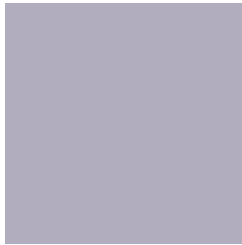
8.7188, 0.3848, 0.1893



0.3506, 0.3666, 0.1793

Previews

White Background



This preview shows how the Yxy color 42.9958, 0.3016, 0.3053 looks on a white background.

Color Contrast Check

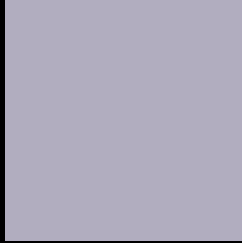
Large Text (above 18pt) WCAG AA × Fail

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 42.9958, 0.3016, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

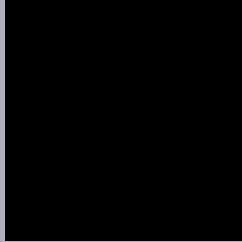
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

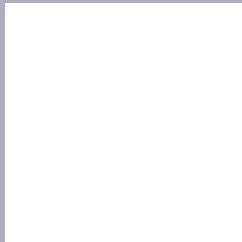
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9958, 0.3016, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 42.9958, 0.3016, 0.3053.



This preview shows how white text looks on a background with the Yxy color 42.9958, 0.3016, 0.3053.

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

42.9958, 0.3016, 0.3053

Protanopia

43.0765, 0.2983, 0.3052

Deuteranopia

42.8695, 0.3078, 0.3006



Tritanopia

43.0901, 0.3039, 0.3118

Trichromacy



Original Color

42.9958, 0.3016, 0.3053

Protanomaly

43.1918, 0.2992, 0.3053

Deuteranomaly

42.8767, 0.3052, 0.3017

Tritanomaly

43.1331, 0.3032, 0.3105

Monochromacy



Original Color

42.9958, 0.3016, 0.3053

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.2262, 0.3087, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9958, 0.3016, 0.3053 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(177, 173, 191)` looks like.

```
.text, #text, p{  
    color:rgb(177, 173, 191)  
}
```

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(177, 173, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 173, 191) }
```

Border

The CSS property to change the border of an element to Yxy 42.9958, 0.3016, 0.3053 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(177, 173, 191) }
```

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

```
.border{ border-color:rgb(177, 173, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 173, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 173, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 173, 191);  
box-shadow:4px 4px 4px 4px rgb(177, 173,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9958, 0.3016, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 173, 191) }
```

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

```
.background{ background-color: rgb(177,  
173, 191) }
```

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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