

Converting Colors

$Yxy(43.0777, 0.3015, 0.3156)$

Have a look what the booklet for
Yxy(43.0777, 0.3015, 0.3156)
contains.

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Color

Yxy(42.9334, 0.3021, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	ACAFB9
RGB	172, 175, 185
RGB Percent	67%, 69%, 73%
CMY	0.3255, 0.3137, 0.2746
CMYK	0.07, 0.05, 0.00, 0.27
HSL	226°, 8%, 70%
HSV	226°, 7%, 73%
XYZ	41.0969, 42.9334, 52.0071
YIQ	175.2430, -4.9980, 2.4740

Conversions

Conversions Part 2

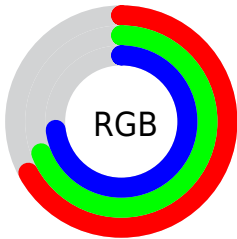
Format	Color
RYB	172, 174, 185
Decimal	11317177
CIELab	71.51, 0.89, -5.46
CIELCh	72, 5.531, 279.274
Yxy	42.9334, 0.3021, 0.3156
Android (android.graphics.Color)	4289507257 (0xFFACAFB9)
YUV	175.2430, 4.8102, -2.8441
Hunter-Lab	65.5236, -2.7097, -1.1929

Details

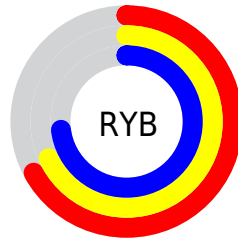
The Yxy color **42.9334, 0.3021, 0.3156** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.7303, 0.3233, 0.3421**, and the grayscale version is **42.9785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2754, 0.3038, 0.3175**, and **19.8249, 0.2992, 0.3123** is the 20% darker color. If you saturate the color by 10%, you get **35.7450, 0.2858, 0.2944**, and if you desaturate by 10%, it is **50.9982, 0.3170, 0.3343**.

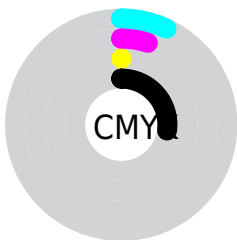
Distribution



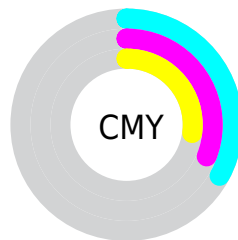
- Red (67%)
- Green (69%)
- Blue (73%)



- Red (67%)
- Yellow (68%)
- Blue (73%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9334, 0.3021, 0.3156 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 42.9334, 0.3021, 0.3156 by changing the saturation by 10% instead.

■ 42.9334, 0.3021,
0.3156

■ 42.9334, 0.3021,
0.3156

358.3378, 0.3075,
0.3224

■ 29.8329, 0.3007,
0.3139

■ 79.6103, 0.3041,
0.3181

■ 19.7118, 0.2990,
0.3117

103.9555, 0.3048,
0.3190

■ 12.1857, 0.2966,
0.3087

132.8178, 0.3054,
0.3198

■ 6.8703, 0.2932,
0.3045

166.5814, 0.3060,
0.3205

■ 3.3811, 0.2880,
0.2981

205.6308, 0.3064,
0.3210

■ 1.3338, 0.2792,
0.2872

250.3504, 0.3068,

■ 0.1671, 0.1982,

0.3215

0.1834

301.1246, 0.3072,
0.3220

0.0000, 0.0000,
0.0000

42.9334, 0.3021,
0.3156

42.9334, 0.3021,
0.3156

35.7450, 0.2858,
0.2944

50.9982, 0.3170,
0.3343

29.3977, 0.2683,
0.2708

59.9623, 0.3305,
0.3508

23.8617, 0.2498,
0.2450

69.8546, 0.3426,
0.3651

19.1034, 0.2309,
0.2173

80.7011, 0.3535,
0.3776

15.0868, 0.2122,
0.1887

90.6835, 0.3566,
0.3898

■ 11.7728, 0.1948,
0.1602

■ 96.2819, 0.3544,
0.3979

■ 9.1186, 0.1796,
0.1333

■ 7.0762, 0.1676,
0.1096

■ 5.5861, 0.1591,
0.0903

Harmonies

Analogous

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



42.9334, 0.2980, 0.3184



42.9334, 0.3021, 0.3156



42.9334, 0.3091, 0.3163

Triad

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



42.9334, 0.3021, 0.3156



42.9334, 0.3280, 0.3336



42.9334, 0.3082, 0.3380

Complementary

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



42.9334, 0.3021, 0.3156



46.7303, 0.3233, 0.3421

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.



42.9334, 0.3162, 0.3421



42.9334, 0.3021, 0.3156



42.9334, 0.3277, 0.3394

Square

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



42.9334, 0.3021, 0.3156



42.9334, 0.3241, 0.3266



42.9334, 0.3234, 0.3426



42.9334, 0.3015, 0.3313

Rectangle

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



42.9334, 0.3021, 0.3156



42.9334, 0.3145, 0.3187



42.9334, 0.3234, 0.3426



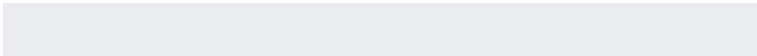
42.9334, 0.3108, 0.3397

Sweetspot

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



42.9352, 0.3021, 0.3156



83.9217, 0.3097, 0.3252



46.8339, 0.3043, 0.3330



18.1249, 0.3099, 0.3254



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



42.9352, 0.3021, 0.3156



75.4094, 0.3004, 0.3134



42.1711, 0.3051, 0.3117



9.0490, 0.2985, 0.3109



3.6546, 0.1576, 0.0873



0.2255, 0.1716, 0.1378

Inverse Universe

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



42.9095, 0.3219, 0.3251



75.3697, 0.3235, 0.3244



47.5532, 0.3200, 0.3461



9.0455, 0.3252, 0.3237



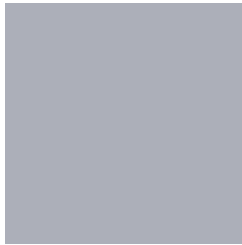
7.1513, 0.5954, 0.3054



0.2619, 0.5221, 0.2650

Previews

White Background



This preview shows how the Yxy color 42.9334, 0.3021, 0.3156 looks on a white background.

Color Contrast Check

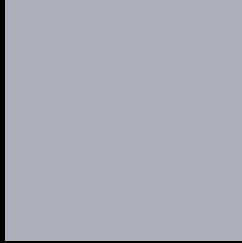
Large Text (above 18pt) WCAG AA × Fail

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 42.9334, 0.3021, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

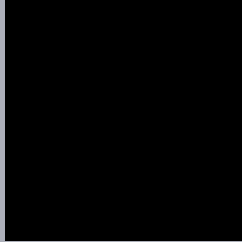
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

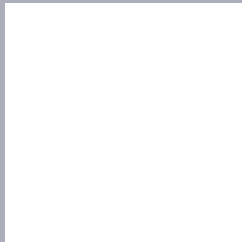
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9334, 0.3021, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 42.9334, 0.3021, 0.3156.

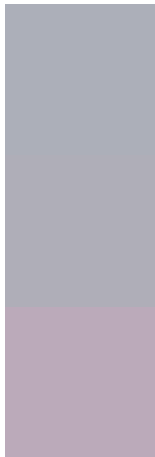


This preview shows how white text looks on a background with the Yxy color 42.9334, 0.3021, 0.3156.

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

42.9334, 0.3021, 0.3156

Protanopia

42.8468, 0.3055, 0.3156

Deuteranopia

42.8594, 0.3146, 0.3083



Tritanopia

42.7872, 0.3006, 0.3103

Trichromacy



Original Color

42.9334, 0.3021, 0.3156

Protanomaly

42.7315, 0.3046, 0.3156

Deuteranomaly

42.9953, 0.3100, 0.3107

Tritanomaly

42.7442, 0.3014, 0.3116

Monochromacy



Original Color

42.9334, 0.3021, 0.3156

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.9133, 0.3086, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9334, 0.3021, 0.3156 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(172, 175, 185)` looks like.

```
.text, #text, p{  
    color:rgb(172, 175, 185)  
}
```

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(172, 175, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 175, 185) }
```

Border

The CSS property to change the border of an element to Yxy 42.9334, 0.3021, 0.3156 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(172, 175, 185) }
```

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

```
.border{ border-color:rgb(172, 175, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 175, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 175, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 175, 185);  
box-shadow:4px 4px 4px 4px rgb(172, 175,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9334, 0.3021, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 175, 185) }
```

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

```
.background{ background-color: rgb(172,  
175, 185) }
```

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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