

Converting Colors

Yxy(43.1131, 0.3004, 0.3131)

Have a look what the booklet for
Yxy(43.1131, 0.3004, 0.3131)
contains.

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Color

Yxy(43.0185, 0.3005, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	ACAFBB
RGB	172, 175, 187
RGB Percent	67%, 69%, 73%
CMY	0.3255, 0.3137, 0.2666
CMYK	0.08, 0.06, 0.00, 0.27
HSL	228°, 10%, 70%
HSV	228°, 8%, 73%
XYZ	41.3137, 43.0185, 53.1510
YIQ	175.4710, -5.6400, 3.0960

Conversions

Conversions Part 2

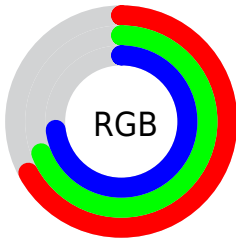
Format	Color
R _Y B	172, 175, 187
Decimal	11317179
CIE Lab	71.57, 1.31, -6.50
CIE LCh	72, 6.627, 281.366
Yxy	43.0185, 0.3005, 0.3129
Android (android.graphics.Color)	4289507259 (0xFFACAFBB)
YUV	175.4710, 5.6838, -3.0441
Hunter-Lab	65.5885, -2.3440, -2.1350

Details

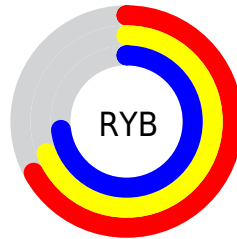
The Yxy color $43.0185, 0.3005, 0.3129$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.8326, 0.3248, 0.3446$, and the grayscale version is $43.0998, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.3956, 0.3026, 0.3155$, and $19.8802, 0.2971, 0.3087$ is the 20% darker color. If you saturate the color by 10%, you get $35.5470, 0.2840, 0.2905$, and if you desaturate by 10%, it is $51.4365, 0.3156, 0.3327$.

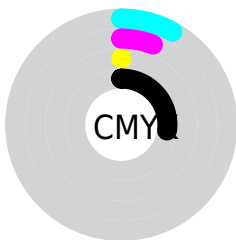
Distribution



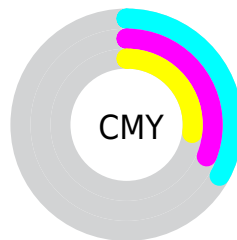
- Red (67%)
- Green (69%)
- Blue (73%)



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



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (31%)
- Yellow (27%)
- Black (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0185, 0.3005, 0.3129 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 43.0185, 0.3005, 0.3129 by changing the saturation by 10% instead.

■ 43.0185, 0.3005,
0.3129

■ 43.0185, 0.3005,
0.3129

358.6878, 0.3067,
0.3210

■ 29.8996, 0.2989,
0.3108

■ 79.7388, 0.3028,
0.3159

■ 19.7624, 0.2969,
0.3082

104.1090, 0.3036,
0.3170

■ 12.2225, 0.2942,
0.3046

132.9984, 0.3043,
0.3179

■ 6.8954, 0.2903,
0.2996

166.7915, 0.3049,
0.3187

■ 3.3968, 0.2844,
0.2920

205.8725, 0.3055,
0.3194

■ 1.3422, 0.2742,
0.2792

250.6260, 0.3059,

■ 0.1735, 0.1942,

0.3200

0.1712

301.4363, 0.3063,
0.3206

0.0000, 0.0000,
0.0000

43.0185, 0.3005,
0.3129

43.0185, 0.3005,
0.3129

35.5470, 0.2840,
0.2905

51.4365, 0.3156,
0.3327

28.9832, 0.2661,
0.2656

60.8272, 0.3291,
0.3500

23.2936, 0.2473,
0.2384

71.2224, 0.3413,
0.3652

18.4407, 0.2280,
0.2095

82.6510, 0.3521,
0.3783

14.3840, 0.2090,
0.1797

93.0932, 0.3544,
0.3912

■ 11.0796, 0.1915,
0.1506

■ 96.3688, 0.3532,
0.3959

■ 8.4791, 0.1764,
0.1236

■ 6.5281, 0.1647,
0.1005

■ 5.1557, 0.1568,
0.0826

Harmonies

Analogous

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



43.0185, 0.2953, 0.3160



43.0185, 0.3005, 0.3129



43.0185, 0.3090, 0.3141

Triad

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



43.0185, 0.3005, 0.3129



43.0185, 0.3311, 0.3350



43.0185, 0.3066, 0.3393

Complementary

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



43.0185, 0.3005, 0.3129



47.8326, 0.3248, 0.3446

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.



43.0185, 0.3162, 0.3445



43.0185, 0.3005, 0.3129



43.0185, 0.3304, 0.3419

Square

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



43.0185, 0.3005, 0.3129



43.0185, 0.3268, 0.3267



43.0185, 0.3249, 0.3454



43.0185, 0.2988, 0.3312

Rectangle

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



43.0185, 0.3005, 0.3129



43.0185, 0.3155, 0.3170



43.0185, 0.3249, 0.3454



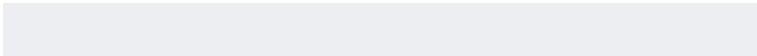
43.0185, 0.3098, 0.3414

Sweetspot

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



43.0203, 0.3005, 0.3129



85.8677, 0.3097, 0.3251



47.7708, 0.3029, 0.3333



18.9442, 0.3099, 0.3253



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



43.0203, 0.3005, 0.3129



74.0433, 0.2971, 0.3084



42.3519, 0.3042, 0.3090



9.5264, 0.2984, 0.3101



3.4862, 0.1559, 0.0813



0.2298, 0.1681, 0.1252

Inverse Universe

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



43.1663, 0.3238, 0.3251



74.3982, 0.3270, 0.3240



48.5665, 0.3208, 0.3486



9.5668, 0.3258, 0.3244



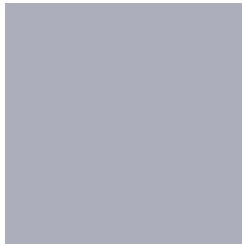
7.3816, 0.6049, 0.3106



0.2986, 0.5393, 0.2745

Previews

White Background



This preview shows how the Yxy color 43.0185, 0.3005, 0.3129 looks on a white background.

Color Contrast Check

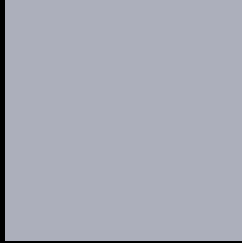
Large Text (above 18pt) WCAG AA × Fail

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 43.0185, 0.3005, 0.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

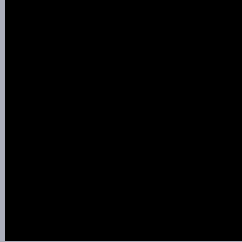
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

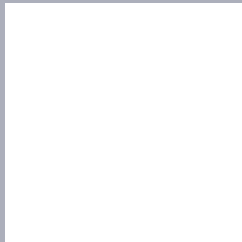
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0185, 0.3005, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 43.0185, 0.3005, 0.3129.

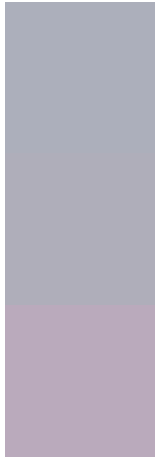


This preview shows how white text looks on a background with the Yxy color 43.0185, 0.3005, 0.3129.

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

43.0185, 0.3005, 0.3129

Protanopia

42.9312, 0.3039, 0.3130

Deuteranopia

42.8194, 0.3120, 0.3057



Tritanopia

43.1047, 0.2990, 0.3103

Trichromacy



Original Color

43.0185, 0.3005, 0.3129

Protanomaly

42.8159, 0.3030, 0.3130

Deuteranomaly

42.9596, 0.3075, 0.3081

Tritanomaly

43.0614, 0.2997, 0.3116

Monochromacy



Original Color

43.0185, 0.3005, 0.3129

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 43.0185, 0.3005, 0.3129 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(172, 175, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 175, 187) }
```

Border

The CSS property to change the border of an element to Yxy 43.0185, 0.3005, 0.3129 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, 187) }
```

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

```
.border{ border-color:rgb(172, 175, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 175, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 175, 187);  
box-shadow:4px 4px 4px 4px rgb(172, 175,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0185, 0.3005, 0.3129 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, 187) }
```

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

```
.background{ background-color: rgb(172,  
175, 187) }
```

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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