

Converting Colors

$Yxy(44.6034, 0.3005, 0.3183)$

Have a look what the booklet for
Yxy(44.6034, 0.3005, 0.3183)
contains.

Yxy(44.5987, 0.3005, 0.3183)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.5987, 0.3005, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	ACB3BB
RGB	172, 179, 187
RGB Percent	67%, 70%, 73%
CMY	0.3255, 0.2980, 0.2666
CMYK	0.08, 0.04, 0.00, 0.27
HSL	212°, 10%, 70%
HSV	212°, 8%, 73%
XYZ	42.1046, 44.5987, 53.4120
YIQ	177.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

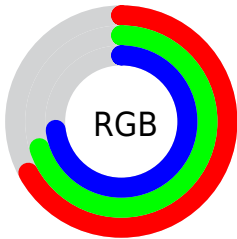
Format	Color
R_{YB}	172, 177, 187
Decimal	11318203
CIE _{Lab}	72.63, -0.86, -4.93
CIE _{LCh}	73, 5.002, 260.120
Yxy	44.5987, 0.3005, 0.3183
Android (android.graphics.Color)	4289508283 (0xFFACB3BB)
YUV	177.8190, 4.5262, -5.1033
Hunter-Lab	66.7823, -4.3289, -0.6721

Details

The Yxy color $44.5987, 0.3005, 0.3183$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.1957, 0.3253, 0.3395$, and the grayscale version is $44.4000, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.2186, 0.3026, 0.3207$, and $20.6360, 0.2972, 0.3143$ is the 20% darker color. If you saturate the color by 10%, you get $38.7728, 0.2847, 0.3036$, and if you desaturate by 10%, it is $51.0159, 0.3156, 0.3315$.

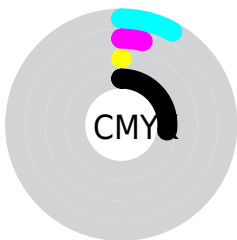
Distribution



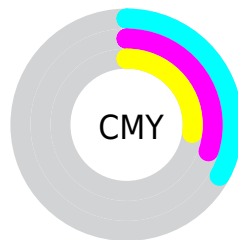
- Red (67%)
- Green (70%)
- Blue (73%)



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



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5987, 0.3005, 0.3183 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 44.5987, 0.3005, 0.3183 by changing the saturation by 10% instead.

■ 44.5987, 0.3005,
0.3183

■ 44.5987, 0.3005,
0.3183

365.1458, 0.3066,
0.3237

■ 31.1415, 0.2990,
0.3169

■ 82.1179, 0.3027,
0.3203

■ 20.7066, 0.2970,
0.3152

106.9486, 0.3036,
0.3210

■ 12.9097, 0.2943,
0.3128

136.3393, 0.3043,
0.3216

■ 7.3664, 0.2906,
0.3095

170.6743, 0.3049,
0.3222

■ 3.6923, 0.2849,
0.3044

210.3381, 0.3054,
0.3226

■ 1.5030, 0.2754,
0.2959

255.7150, 0.3059,

■ 0.2908, 0.2116,

0.3230

0.2408

307.1895, 0.3063,
0.3234

0.0000, 0.0000,
0.0000

44.5987, 0.3005,
0.3183

44.5987, 0.3005,
0.3183

38.7728, 0.2847,
0.3036

51.0159, 0.3156,
0.3315

33.5142, 0.2683,
0.2873

58.0364, 0.3299,
0.3432

28.8052, 0.2518,
0.2695

65.6787, 0.3433,
0.3535

24.6250, 0.2355,
0.2504

73.9590, 0.3558,
0.3625

20.9513, 0.2200,
0.2303

80.8442, 0.3595,
0.3716

■ 17.7597, 0.2057,
0.2096

■ 86.5268, 0.3570,
0.3811

■ 15.0234, 0.1933,
0.1890

■ 92.5322, 0.3546,
0.3904

■ 12.7118, 0.1832,
0.1689

■ 96.3686, 0.3532,
0.3959

■ 10.7813, 0.1755,
0.1501

Harmonies

Analogous

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



44.5987, 0.2990, 0.3226



44.5987, 0.3005, 0.3183



44.5987, 0.3053, 0.3169

Triad

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



44.5987, 0.3005, 0.3183



44.5987, 0.3245, 0.3291



44.5987, 0.3132, 0.3397

Complementary

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



44.5987, 0.3005, 0.3183



46.1957, 0.3253, 0.3395

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.



44.5987, 0.3201, 0.3414



44.5987, 0.3005, 0.3183



44.5987, 0.3267, 0.3352

Square

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



44.5987, 0.3005, 0.3183



44.5987, 0.3191, 0.3231



44.5987, 0.3251, 0.3397



44.5987, 0.3063, 0.3350

Rectangle

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



44.5987, 0.3005, 0.3183



44.5987, 0.3097, 0.3177



44.5987, 0.3251, 0.3397



44.5987, 0.3156, 0.3406

Sweetspot

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



44.6006, 0.3005, 0.3183



86.6224, 0.3097, 0.3264



47.6147, 0.3057, 0.3383



19.1021, 0.3098, 0.3265



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.



44.6006, 0.3005, 0.3183



77.5495, 0.2972, 0.3153



41.9226, 0.3009, 0.3089



9.9387, 0.2984, 0.3164



7.3293, 0.1746, 0.1487



0.4181, 0.1874, 0.1945

Inverse Universe

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



43.3280, 0.3203, 0.3199



74.7522, 0.3226, 0.3174



49.0306, 0.3240, 0.3484



9.6084, 0.3217, 0.3184



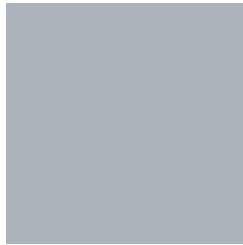
7.7696, 0.5076, 0.2570



0.3176, 0.4515, 0.2261

Previews

White Background



This preview shows how the Yxy color 44.5987, 0.3005, 0.3183 looks on a white background.

Color Contrast Check

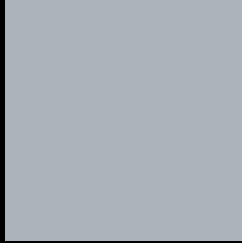
Large Text (above 18pt) WCAG AA × Fail

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 44.5987, 0.3005, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

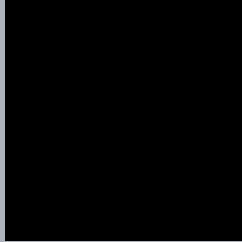
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

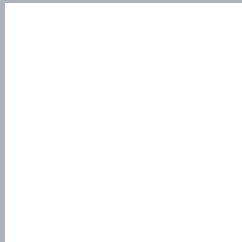
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5987, 0.3005, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 44.5987, 0.3005, 0.3183.



This preview shows how white text looks on a background with the Yxy color 44.5987, 0.3005, 0.3183.

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

44.5987, 0.3005, 0.3183

Protanopia

44.5732, 0.3072, 0.3172

Deuteranopia

44.5943, 0.3163, 0.3099



Tritanopia

44.5308, 0.2975, 0.3105

Trichromacy



Original Color

44.5987, 0.3005, 0.3183

Protanomaly

44.6161, 0.3047, 0.3184

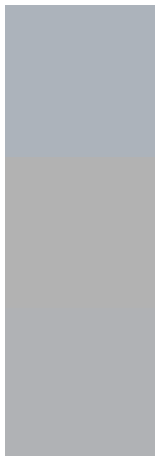
Deuteranomaly

44.4811, 0.3100, 0.3122

Tritanomaly

44.4427, 0.2990, 0.3131

Monochromacy



Original Color

44.5987, 0.3005, 0.3183

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4071, 0.3086, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5987, 0.3005, 0.3183 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, 179, 187)` looks like.

```
.text, #text, p{  
    color:rgb(172, 179, 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, 179, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 179, 187) }
```

Border

The CSS property to change the border of an element to Yxy 44.5987, 0.3005, 0.3183 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, 179, 187) }
```

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

```
.border{ border-color:rgb(172, 179, 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, 179, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 179, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 179, 187); box-shadow:4px 4px 4px 4px rgb(172, 179, 187) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5987, 0.3005, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 179, 187) }
```

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

```
.background{ background-color: rgb(172,  
179, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor