

Converting Colors

$Y_{xy}(45.0059, 0.3040, 0.3198)$

Have a look what the booklet for
Yxy(45.0059, 0.3040, 0.3198)
contains.

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Color

Yxy(44.8993, 0.3038, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	AFB3BA
RGB	175, 179, 186
RGB Percent	69%, 70%, 73%
CMY	0.3136, 0.2980, 0.2706
CMYK	0.06, 0.04, 0.00, 0.27
HSL	218°, 7%, 71%
HSV	218°, 6%, 73%
XYZ	42.6663, 44.8993, 52.8764
YIQ	178.6020, -4.6310, 1.3290

Conversions

Conversions Part 2

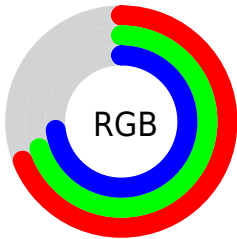
Format	Color
RYB	175, 178, 186
Decimal	11514810
CIELab	72.83, -0.03, -4.06
CIELCh	73, 4.057, 269.613
Yxy	44.8993, 0.3038, 0.3197
Android (android.graphics.Color)	4289704890 (0xFFAFB3BA)
YUV	178.6020, 3.6472, -3.1590
Hunter-Lab	67.0069, -3.6033, 0.1180

Details

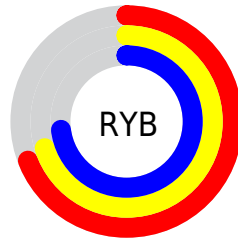
The Yxy color **44.8993, 0.3038, 0.3197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0059, 0.3217, 0.3381**, and the grayscale version is **44.8413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8164, 0.3058, 0.3218**, and **20.8261, 0.3016, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **38.3395, 0.2879, 0.3024**, and if you desaturate by 10%, it is **52.1690, 0.3187, 0.3351**.

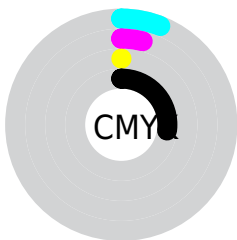
Distribution



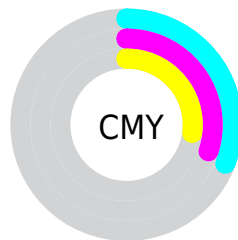
- Red (69%)
- Green (70%)
- Blue (73%)



- Red (69%)
- Yellow (70%)
- Blue (73%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (31%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8993, 0.3038, 0.3197 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 44.8993, 0.3038, 0.3197 by changing the saturation by 10% instead.

■ 44.8993, 0.3038,
0.3197

■ 44.8993, 0.3038,
0.3197

366.3656, 0.3083,
0.3244

■ 31.3781, 0.3027,
0.3185

■ 82.5693, 0.3054,
0.3214

■ 20.8869, 0.3012,
0.3170

107.4869, 0.3060,
0.3220

■ 13.0414, 0.2993,
0.3150

136.9720, 0.3066,
0.3226

■ 7.4571, 0.2965,
0.3121

171.4092, 0.3070,
0.3231

■ 3.7495, 0.2924,
0.3078

211.1827, 0.3074,
0.3235

■ 1.5345, 0.2854,
0.3005

256.6770, 0.3077,

■ 0.3128, 0.2405,

0.3238

0.2536

308.2765, 0.3080,
0.3241

0.0000, 0.0000,
0.0000

44.8993, 0.3038,
0.3197

44.8993, 0.3038,
0.3197

38.3395, 0.2879,
0.3024

52.1690, 0.3187,
0.3351

32.4617, 0.2711,
0.2832

60.1642, 0.3324,
0.3486

27.2441, 0.2538,
0.2621

68.9071, 0.3451,
0.3605

22.6617, 0.2363,
0.2393

78.4172, 0.3566,
0.3709

18.6879, 0.2192,
0.2154

86.1584, 0.3578,
0.3816

■ 15.2938, 0.2032,
0.1909

■ 93.3136, 0.3549,
0.3926

■ 12.4476, 0.1890,
0.1667

■ 96.3256, 0.3538,
0.3969

■ 10.1139, 0.1773,
0.1438

■ 8.2506, 0.1685,
0.1232

Harmonies

Analogous

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



44.8993, 0.3017, 0.3225



44.8993, 0.3038, 0.3197



44.8993, 0.3083, 0.3194

Triad

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



44.8993, 0.3038, 0.3197



44.8993, 0.3231, 0.3307



44.8993, 0.3113, 0.3367

Complementary

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



44.8993, 0.3038, 0.3197



47.0059, 0.3217, 0.3381

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.



44.8993, 0.3171, 0.3389



44.8993, 0.3038, 0.3197



44.8993, 0.3239, 0.3354

Square

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



44.8993, 0.3038, 0.3197



44.8993, 0.3195, 0.3257



44.8993, 0.3217, 0.3384



44.8993, 0.3060, 0.3324

Rectangle

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



44.8993, 0.3038, 0.3197



44.8993, 0.3121, 0.3206



44.8993, 0.3217, 0.3384



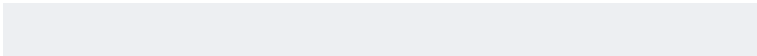
44.8993, 0.3132, 0.3377

Sweetspot

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



44.9012, 0.3038, 0.3197



86.3258, 0.3097, 0.3259



47.6147, 0.3067, 0.3343



19.0401, 0.3098, 0.3260



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.



44.9012, 0.3038, 0.3197



79.8723, 0.3019, 0.3177



43.5010, 0.3051, 0.3144



9.5099, 0.3014, 0.3171



5.2410, 0.1661, 0.1178



0.3044, 0.1812, 0.1721

Inverse Universe

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



44.3633, 0.3192, 0.3238



78.7240, 0.3206, 0.3228



48.4753, 0.3201, 0.3433



9.3667, 0.3210, 0.3224



7.3114, 0.5498, 0.2803



0.2698, 0.4780, 0.2407

Previews

White Background



This preview shows how the Yxy color 44.8993, 0.3038, 0.3197 looks on a white background.

Color Contrast Check

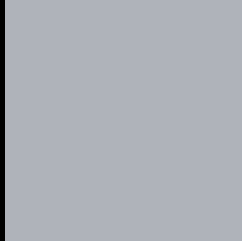
Large Text (above 18pt) WCAG AA × Fail

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 44.8993, 0.3038, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

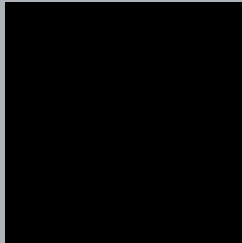
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

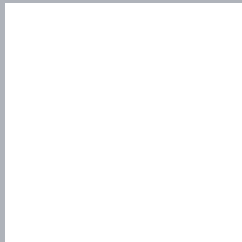
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8993, 0.3038, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 44.8993, 0.3038, 0.3197.



This preview shows how white text looks on a background with the Yxy color 44.8993, 0.3038, 0.3197.

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

44.8993, 0.3038, 0.3197

Protanopia

45.0469, 0.3088, 0.3198

Deuteranopia

44.6815, 0.3180, 0.3112



Tritanopia

44.8767, 0.3000, 0.3106

Trichromacy



Original Color

44.8993, 0.3038, 0.3197

Protanomaly

44.8085, 0.3071, 0.3198

Deuteranomaly

44.6869, 0.3126, 0.3135

Tritanomaly

44.7886, 0.3015, 0.3132

Monochromacy



Original Color

44.8993, 0.3038, 0.3197

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.0826, 0.3095, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8993, 0.3038, 0.3197 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(175, 179, 186)` looks like.

```
.text, #text, p{  
    color:rgb(175, 179, 186)  
}
```

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(175, 179, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 179, 186) }
```

Border

The CSS property to change the border of an element to Yxy 44.8993, 0.3038, 0.3197 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(175, 179, 186) }
```

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

```
.border{ border-color:rgb(175, 179, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 179, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 179, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 179, 186);  
box-shadow:4px 4px 4px 4px rgb(175, 179,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8993, 0.3038, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 179, 186) }
```

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

```
.background{ background-color: rgb(175,  
179, 186) }
```

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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