

Converting Colors

$Y_{xy}(44.5091, 0.3021, 0.3189)$

Have a look what the booklet for
Yxy(44.5091, 0.3021, 0.3189)
contains.

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Color

Yxy(44.6696, 0.3021, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	ADB3BA
RGB	173, 179, 186
RGB Percent	68%, 70%, 73%
CMY	0.3217, 0.2980, 0.2706
CMYK	0.07, 0.04, 0.00, 0.27
HSL	212°, 9%, 70%
HSV	212°, 7%, 73%
XYZ	42.2105, 44.6696, 52.8434
YIQ	178.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

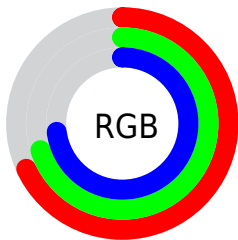
Format	Color
R _{YB}	173, 177, 186
Decimal	11383738
CIE Lab	72.67, -0.74, -4.29
CIE LCh	73, 4.349, 260.183
Yxy	44.6696, 0.3021, 0.3197
Android (android.graphics.Color)	4289573818 (0xFFADB3BA)
YUV	178.0040, 3.9420, -4.3885
Hunter-Lab	66.8353, -4.2285, -0.0930

Details

The Yxy color $44.6696, 0.3021, 0.3197$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $46.0733, 0.3236, 0.3381$, and the grayscale version is $44.5025, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.3214, 0.3038, 0.3218$, and $20.6801, 0.2993, 0.3162$ is the 20% darker color. If you saturate the color by 10%, you get $38.8460, 0.2863, 0.3051$, and if you desaturate by 10%, it is $51.0807, 0.3171, 0.3328$.

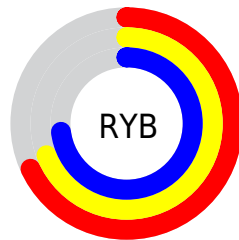
Distribution



Red (68%)

Green (70%)

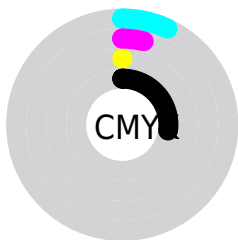
Blue (73%)



Red (68%)

Yellow (69%)

Blue (73%)

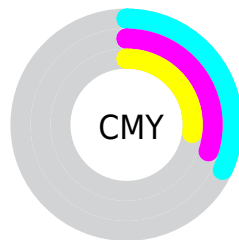


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (27%)



Cyan (32%)

Magenta (30%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6696, 0.3021, 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 44.6696, 0.3021, 0.3197 by changing the saturation by 10% instead.

■ 44.6696, 0.3021,
0.3197

■ 44.6696, 0.3021,
0.3197

365.4338, 0.3074,
0.3244

■ 31.1973, 0.3008,
0.3185

■ 82.2244, 0.3040,
0.3214

■ 20.7491, 0.2990,
0.3170

107.0756, 0.3048,
0.3221

■ 12.9407, 0.2967,
0.3149

136.4886, 0.3054,
0.3226

■ 7.3877, 0.2934,
0.3120

170.8478, 0.3059,
0.3231

■ 3.7058, 0.2885,
0.3077

210.5375, 0.3064,
0.3235

■ 1.5104, 0.2803,
0.3002

255.9421, 0.3068,

■ 0.2960, 0.2229,

0.3238

0.2506

307.4461, 0.3071,
0.3241

0.0000, 0.0000,
0.0000

44.6696, 0.3021,
0.3197

44.6696, 0.3021,
0.3197

38.8460, 0.2863,
0.3051

51.0807, 0.3171,
0.3328

33.5861, 0.2700,
0.2889

58.0910, 0.3313,
0.3443

28.8725, 0.2535,
0.2712

65.7189, 0.3446,
0.3545

24.6849, 0.2372,
0.2522

73.9801, 0.3569,
0.3635

21.0012, 0.2215,
0.2321

80.7506, 0.3602,
0.3726

■ 17.7977, 0.2071,
0.2114

■ 86.4184, 0.3577,
0.3821

■ 15.0481, 0.1944,
0.1906

■ 92.4077, 0.3553,
0.3913

■ 12.7225, 0.1840,
0.1705

■ 96.3246, 0.3538,
0.3969

■ 10.7822, 0.1761,
0.1515

Harmonies

Analogous

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



44.6696, 0.3008, 0.3235



44.6696, 0.3021, 0.3197



44.6696, 0.3063, 0.3185

Triad

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



44.6696, 0.3021, 0.3197



44.6696, 0.3230, 0.3291



44.6696, 0.3132, 0.3383

Complementary

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



44.6696, 0.3021, 0.3197



46.0733, 0.3236, 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.



44.6696, 0.3191, 0.3398



44.6696, 0.3021, 0.3197



44.6696, 0.3248, 0.3344

Square

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



44.6696, 0.3021, 0.3197



44.6696, 0.3183, 0.3239



44.6696, 0.3234, 0.3383



44.6696, 0.3071, 0.3342

Rectangle

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



44.6696, 0.3021, 0.3197



44.6696, 0.3101, 0.3192



44.6696, 0.3234, 0.3383



44.6696, 0.3152, 0.3391

Sweetspot

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



44.6715, 0.3021, 0.3197



86.6171, 0.3097, 0.3264



47.2848, 0.3066, 0.3370



19.1010, 0.3098, 0.3265



95.5105, 0.3127, 0.3290



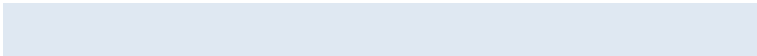
19.5994, 0.3127, 0.3290

Same Dimension

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



44.6715, 0.3021, 0.3197



79.7319, 0.3003, 0.3181



42.3515, 0.3025, 0.3116



9.3883, 0.2985, 0.3164



7.0481, 0.1745, 0.1483



0.3725, 0.1883, 0.1979

Inverse Universe

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



43.5690, 0.3193, 0.3211



77.4461, 0.3205, 0.3198



48.5112, 0.3226, 0.3459



9.0797, 0.3217, 0.3184



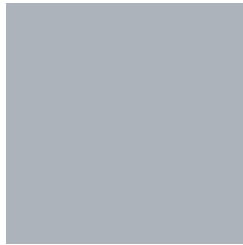
7.4938, 0.5081, 0.2573



0.2767, 0.4476, 0.2239

Previews

White Background



This preview shows how the Yxy color 44.6696, 0.3021, 0.3197 looks on a white background.

Color Contrast Check

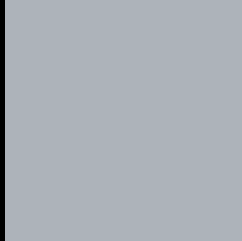
Large Text (above 18pt) WCAG AA × Fail

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 44.6696, 0.3021, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

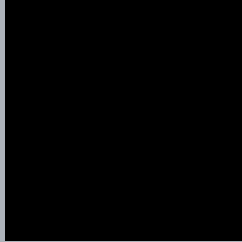
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

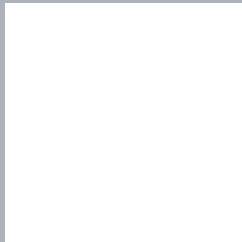
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6696, 0.3021, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 44.6696, 0.3021, 0.3197.



This preview shows how white text looks on a background with the Yxy color 44.6696, 0.3021, 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

44.6696, 0.3021, 0.3197

Protanopia

44.5308, 0.3080, 0.3185

Deuteranopia

44.5514, 0.3171, 0.3112



Tritanopia

44.6452, 0.2983, 0.3106

Trichromacy



Original Color

44.6696, 0.3021, 0.3197

Protanomaly

44.6907, 0.3063, 0.3197

Deuteranomaly

44.4381, 0.3108, 0.3134

Tritanomaly

44.5572, 0.2999, 0.3131

Monochromacy



Original Color

44.6696, 0.3021, 0.3197

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 44.6696, 0.3021, 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(173, 179, 186)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 179, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 179, 186) }
```

Border

The CSS property to change the border of an element to Yxy 44.6696, 0.3021, 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(173, 179, 186) }
```

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

```
.border{ border-color:rgb(173, 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(173, 179, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 179, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 179, 186);  
box-shadow:4px 4px 4px 4px rgb(173, 179,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6696, 0.3021, 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(173, 179, 186) }
```

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

```
.background{ background-color: rgb(173,  
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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