

Converting Colors

$Yxy(45.1867, 0.3057, 0.3218)$

Have a look what the booklet for
Yxy(45.1867, 0.3057, 0.3218)
contains.

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Color

Yxy(44.9731, 0.3054, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	B0B3B9
RGB	176, 179, 185
RGB Percent	69%, 70%, 73%
CMY	0.3099, 0.2980, 0.2746
CMYK	0.05, 0.03, 0.00, 0.27
HSL	220°, 6%, 71%
HSV	220°, 5%, 73%
XYZ	42.7742, 44.9731, 52.3122
YIQ	178.7870, -3.7140, 1.2300

Conversions

Conversions Part 2

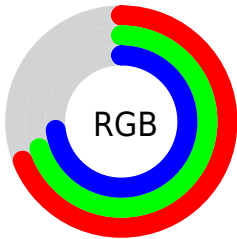
Format	Color
RYB	176, 178, 185
Decimal	11580345
CIELab	72.87, 0.09, -3.41
CIElCh	73, 3.413, 271.433
Yxy	44.9731, 0.3054, 0.3211
Android (android.graphics.Color)	4289770425 (0xFFB0B3B9)
YUV	178.7870, 3.0630, -2.4442
Hunter-Lab	67.0620, -3.5058, 0.6938

Details

The Yxy color **44.9731, 0.3054, 0.3211** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.8725, 0.3201, 0.3368**, and the grayscale version is **44.9430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9233, 0.3070, 0.3228**, and **20.8727, 0.3038, 0.3181** is the 20% darker color. If you saturate the color by 10%, you get **38.2724, 0.2896, 0.3034**, and if you desaturate by 10%, it is **52.4071, 0.3201, 0.3368**.

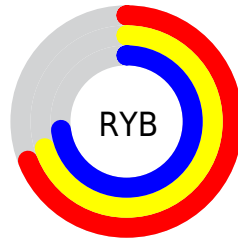
Distribution



Red (69%)

Green (70%)

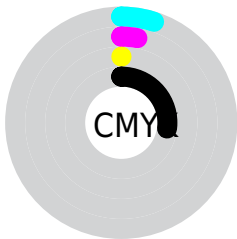
Blue (73%)



Red (69%)

Yellow (70%)

Blue (73%)

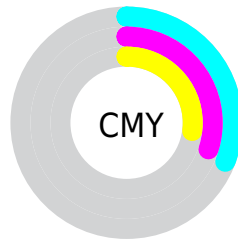


Cyan (5%)

Magenta (3%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (30%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9731, 0.3054, 0.3211 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 44.9731, 0.3054, 0.3211 by changing the saturation by 10% instead.

■ 44.9731, 0.3054,
0.3211

■ 44.9731, 0.3054,
0.3211

366.6646, 0.3091,
0.3251

■ 31.4362, 0.3045,
0.3201

■ 82.6800, 0.3067,
0.3226

■ 20.9313, 0.3033,
0.3188

107.6189, 0.3072,
0.3231

■ 13.0738, 0.3017,
0.3171

137.1272, 0.3077,
0.3236

■ 7.4794, 0.2994,
0.3147

171.5894, 0.3080,
0.3239

■ 3.7637, 0.2960,
0.3110

211.3899, 0.3083,
0.3243

■ 1.5423, 0.2903,
0.3048

256.9129, 0.3086,

■ 0.3182, 0.2521,

0.3246

0.2635

308.5431, 0.3089,
0.3248

0.0000, 0.0000,
0.0000

44.9731, 0.3054,
0.3211

44.9731, 0.3054,
0.3211

38.2724, 0.2896,
0.3034

52.4071, 0.3201,
0.3368

32.2762, 0.2728,
0.2836

60.5906, 0.3337,
0.3507

26.9620, 0.2553,
0.2619

69.5465, 0.3461,
0.3628

22.3041, 0.2375,
0.2384

79.2951, 0.3574,
0.3733

18.2748, 0.2201,
0.2137

87.2133, 0.3580,
0.3844

■ 14.8443, 0.2036,
0.1884

■ 94.6746, 0.3550,
0.3956

■ 11.9802, 0.1889,
0.1634

■ 96.2818, 0.3544,
0.3979

■ 9.6461, 0.1767,
0.1399

■ 7.8002, 0.1675,
0.1189

Harmonies

Analogous

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



44.9731, 0.3034, 0.3234



44.9731, 0.3054, 0.3211



44.9731, 0.3093, 0.3209

Triad

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



44.9731, 0.3054, 0.3211



44.9731, 0.3216, 0.3307



44.9731, 0.3112, 0.3353

Complementary

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



44.9731, 0.3054, 0.3211



46.8725, 0.3201, 0.3368

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.



44.9731, 0.3161, 0.3372



44.9731, 0.3054, 0.3211



44.9731, 0.3221, 0.3346

Square

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



44.9731, 0.3054, 0.3211



44.9731, 0.3187, 0.3265



44.9731, 0.3201, 0.3370



44.9731, 0.3068, 0.3316

Rectangle

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



44.9731, 0.3054, 0.3211



44.9731, 0.3125, 0.3220



44.9731, 0.3201, 0.3370



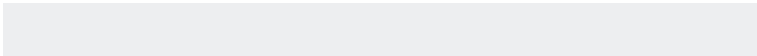
44.9731, 0.3129, 0.3362

Sweetspot

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



44.9750, 0.3054, 0.3211



85.5455, 0.3112, 0.3274



47.2853, 0.3076, 0.3331



18.4569, 0.3113, 0.3275



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.



44.9750, 0.3054, 0.3211



79.0274, 0.3035, 0.3190



43.9252, 0.3066, 0.3171



9.6234, 0.3028, 0.3183



4.8960, 0.1643, 0.1114



0.2900, 0.1795, 0.1663

Inverse Universe

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



44.6054, 0.3182, 0.3250



78.2188, 0.3196, 0.3240



47.9663, 0.3186, 0.3407



9.5182, 0.3201, 0.3237



7.2766, 0.5589, 0.2853



0.2684, 0.4853, 0.2447

Previews

White Background



This preview shows how the Yxy color 44.9731, 0.3054, 0.3211 looks on a white background.

Color Contrast Check

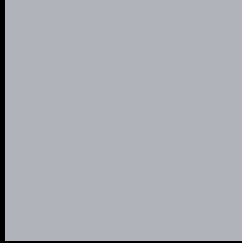
Large Text (above 18pt) WCAG AA × Fail

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 44.9731, 0.3054, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

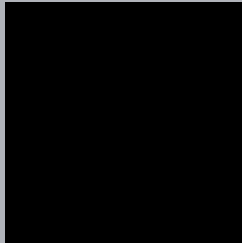
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

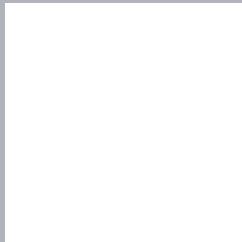
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.9731, 0.3054, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 44.9731, 0.3054, 0.3211.

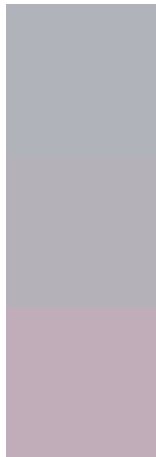


This preview shows how white text looks on a background with the Yxy color 44.9731, 0.3054, 0.3211.

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

44.9731, 0.3054, 0.3211

Protanopia

45.0048, 0.3096, 0.3211

Deuteranopia

44.7698, 0.3197, 0.3125



Tritanopia

44.9937, 0.3008, 0.3107

Trichromacy



Original Color

44.9731, 0.3054, 0.3211

Protanomaly

44.8852, 0.3088, 0.3211

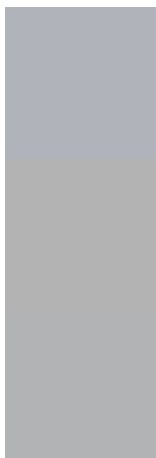
Deuteranomaly

44.7699, 0.3143, 0.3148

Tritanomaly

44.8620, 0.3032, 0.3145

Monochromacy



Original Color

44.9731, 0.3054, 0.3211

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.0414, 0.3103, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9731, 0.3054, 0.3211 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(176, 179, 185)` looks like.

```
.text, #text, p{  
    color:rgb(176, 179, 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(176, 179, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 179, 185) }
```

Border

The CSS property to change the border of an element to Yxy 44.9731, 0.3054, 0.3211 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(176, 179, 185) }
```

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

```
.border{ border-color:rgb(176, 179, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 179, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 179, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 179, 185);  
box-shadow:4px 4px 4px 4px rgb(176, 179,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9731, 0.3054, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 179, 185) }
```

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

```
.background{ background-color: rgb(176,  
179, 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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