

Converting Colors

$Yxy(45.7719, 0.3046, 0.3169)$

Have a look what the booklet for
Yxy(45.7719, 0.3046, 0.3169)
contains.

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Color

Yxy(45.9003, 0.3048, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	B3B4BD
RGB	179, 180, 189
RGB Percent	70%, 71%, 74%
CMY	0.2981, 0.2941, 0.2589
CMYK	0.05, 0.05, 0.00, 0.26
HSL	234°, 7%, 72%
HSV	234°, 5%, 74%
XYZ	44.0921, 45.9003, 54.6666
YIQ	180.7270, -3.4850, 2.5870

Conversions

Conversions Part 2

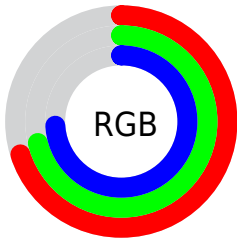
Format	Color
R _Y B	179, 180, 189
Decimal	11777213
CIE Lab	73.48, 1.37, -4.68
CIE LCh	73, 4.877, 286.268
Yxy	45.9003, 0.3048, 0.3173
Android (android.graphics.Color)	4289967293 (0xFFB3B4BD)
YUV	180.7270, 4.0786, -1.5146
Hunter-Lab	67.7498, -2.3929, -0.4157

Details

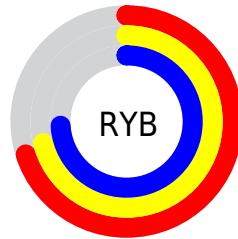
The Yxy color `45.9003, 0.3048, 0.3173` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `50.0156, 0.3205, 0.3404`, and the grayscale version is `46.0315, 0.3127, 0.3290`.

A 20% lighter version of the original color is `84.2456, 0.3066, 0.3199`, and `21.3919, 0.3019, 0.3129` is the 20% darker color. If you saturate the color by 10%, you get `37.3699, 0.2885, 0.2929`, and if you desaturate by 10%, it is `55.5807, 0.3194, 0.3387`.

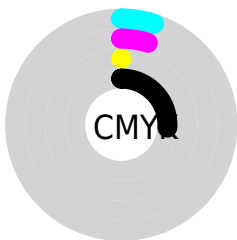
Distribution



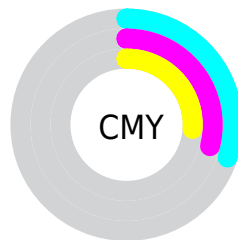
- Red (70%)
- Green (71%)
- Blue (74%)



- Red (70%)
- Yellow (71%)
- Blue (74%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (30%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.9003, 0.3048, 0.3173 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 45.9003, 0.3048, 0.3173 by changing the saturation by 10% instead.

■ 45.9003, 0.3048,
0.3173

■ 45.9003, 0.3048,
0.3173

370.4077, 0.3088,
0.3232

■ 32.1672, 0.3038,
0.3158

■ 84.0698, 0.3062,
0.3194

■ 21.4892, 0.3025,
0.3140

109.2749, 0.3068,
0.3202

■ 13.4821, 0.3008,
0.3115

139.0728, 0.3073,
0.3209

■ 7.7613, 0.2984,
0.3080

173.8478, 0.3076,
0.3215

■ 3.9426, 0.2948,
0.3028

213.9845, 0.3080,
0.3220

■ 1.6415, 0.2887,
0.2941

259.8670, 0.3083,

■ 0.3853, 0.2609,

0.3224

0.2516

311.8800, 0.3085,
0.3228

0.0000, 0.0000,
0.0000

45.9003, 0.3048,
0.3173

45.9003, 0.3048,
0.3173

37.3699, 0.2885,
0.2929

55.5807, 0.3194,
0.3387

29.9410, 0.2705,
0.2656

66.4456, 0.3322,
0.3574

23.5705, 0.2511,
0.2356

78.5353, 0.3435,
0.3736

18.2099, 0.2308,
0.2037

91.8864, 0.3533,
0.3875

13.8072, 0.2106,
0.1711

96.4532, 0.3520,
0.3939

■ 10.3056, 0.1916,
0.1396

■ 7.6422, 0.1752,
0.1113

■ 5.7459, 0.1626,
0.0884

■ 4.5333, 0.1546,
0.0723

Harmonies

Analogous

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



45.9003, 0.3005, 0.3191



45.9003, 0.3048, 0.3173



45.9003, 0.3112, 0.3186

Triad

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



45.9003, 0.3048, 0.3173



45.9003, 0.3261, 0.3343



45.9003, 0.3073, 0.3355

Complementary

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



45.9003, 0.3048, 0.3173



50.0156, 0.3205, 0.3404

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.



45.9003, 0.3141, 0.3397



45.9003, 0.3048, 0.3173



45.9003, 0.3250, 0.3389

Square

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



45.9003, 0.3048, 0.3173



45.9003, 0.3236, 0.3283



45.9003, 0.3206, 0.3409



45.9003, 0.3020, 0.3296

Rectangle

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



45.9003, 0.3048, 0.3173



45.9003, 0.3159, 0.3211



45.9003, 0.3206, 0.3409



45.9003, 0.3095, 0.3372

Sweetspot

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



45.9023, 0.3048, 0.3173



87.6490, 0.3097, 0.3246



49.5904, 0.3055, 0.3305



18.8867, 0.3099, 0.3248



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.



45.9023, 0.3048, 0.3173



80.9221, 0.3035, 0.3154



45.9519, 0.3081, 0.3161



9.9260, 0.3028, 0.3144



2.8500, 0.1523, 0.0681



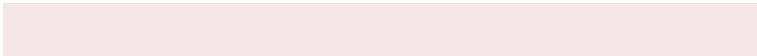
0.1651, 0.1599, 0.0956

Inverse Universe

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



46.3458, 0.3206, 0.3277



81.8372, 0.3219, 0.3275



49.9724, 0.3172, 0.3418



10.0476, 0.3226, 0.3274



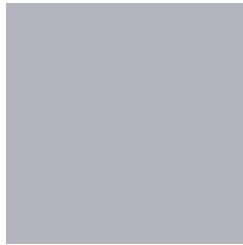
7.3174, 0.6263, 0.3224



0.2920, 0.5826, 0.2983

Previews

White Background



This preview shows how the Yxy color 45.9003, 0.3048, 0.3173 looks on a white background.

Color Contrast Check

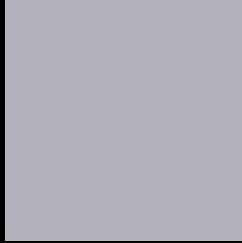
Large Text (above 18pt) WCAG AA × Fail

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 45.9003, 0.3048, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

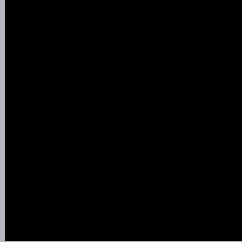
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

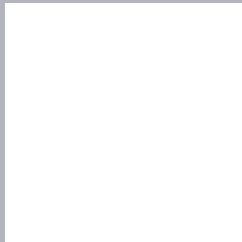
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.9003, 0.3048, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 45.9003, 0.3048, 0.3173.

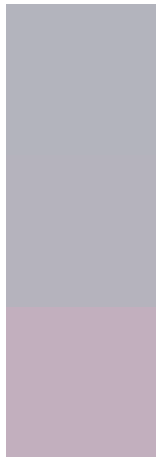


This preview shows how white text looks on a background with the Yxy color 45.9003, 0.3048, 0.3173.

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

45.9003, 0.3048, 0.3173

Protanopia

45.7381, 0.3065, 0.3160

Deuteranopia

45.8470, 0.3171, 0.3102



Tritanopia

45.7938, 0.3026, 0.3109

Trichromacy



Original Color

45.9003, 0.3048, 0.3173

Protanomaly

45.6176, 0.3057, 0.3160

Deuteranomaly

45.9808, 0.3126, 0.3125

Tritanomaly

45.7493, 0.3033, 0.3121

Monochromacy



Original Color

45.9003, 0.3048, 0.3173

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.2117, 0.3095, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9003, 0.3048, 0.3173 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(179, 180, 189)` looks like.

```
.text, #text, p{  
    color:rgb(179, 180, 189)  
}
```

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(179, 180, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 180, 189) }
```

Border

The CSS property to change the border of an element to Yxy 45.9003, 0.3048, 0.3173 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(179, 180, 189) }
```

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

```
.border{ border-color:rgb(179, 180, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 180, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 180, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 180, 189);  
box-shadow:4px 4px 4px 4px rgb(179, 180,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9003, 0.3048, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 180, 189) }
```

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

```
.background{ background-color: rgb(179,  
180, 189) }
```

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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