

Converting Colors

$Yxy(48.5966, 0.3009, 0.3187)$

Have a look what the booklet for
Yxy(48.5966, 0.3009, 0.3187)
contains.

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Color

Yxy(48.5966, 0.3009, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	B3BAC2
RGB	179, 186, 194
RGB Percent	70%, 73%, 76%
CMY	0.2982, 0.2705, 0.2392
CMYK	0.08, 0.04, 0.00, 0.24
HSL	212°, 11%, 73%
HSV	212°, 8%, 76%
XYZ	45.8824, 48.5966, 58.0049
YIQ	184.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

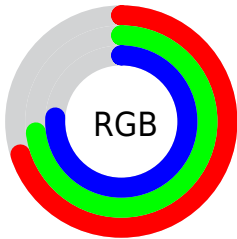
Format	Color
RYB	179, 184, 194
Decimal	11778754
CIELab	75.20, -0.87, -4.89
CIELCh	75, 4.967, 259.872
Yxy	48.5966, 0.3009, 0.3187
Android (android.graphics.Color)	4289968834 (0xFFB3BAC2)
YUV	184.8190, 4.5262, -5.1033
Hunter-Lab	69.7113, -4.5100, -0.5357

Details

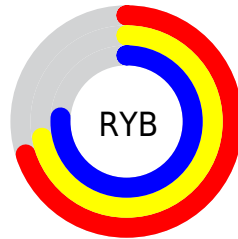
The Yxy color **48.5966, 0.3009, 0.3187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.2508, 0.3249, 0.3391**, and the grayscale version is **48.3861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0686, 0.3035, 0.3210**, and **23.1041, 0.2978, 0.3167** is the 20% darker color. If you saturate the color by 10%, you get **42.2562, 0.2850, 0.3040**, and if you desaturate by 10%, it is **55.5802, 0.3161, 0.3318**.

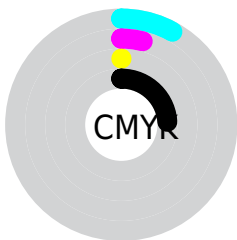
Distribution



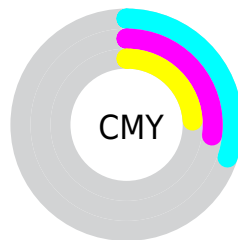
- Red (70%)
- Green (73%)
- Blue (76%)



- Red (70%)
- Yellow (72%)
- Blue (76%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (30%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.5966, 0.3009, 0.3187 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 48.5966, 0.3009, 0.3187 by changing the saturation by 10% instead.

■ 48.5966, 0.3009,
0.3187

■ 48.5966, 0.3009,
0.3187

381.1521, 0.3068,
0.3238

■ 34.2996, 0.2995,
0.3174

■ 88.0920, 0.3030,
0.3206

■ 23.1238, 0.2976,
0.3158

114.0592, 0.3038,
0.3213

■ 14.6850, 0.2952,
0.3136

144.6853, 0.3045,
0.3218

■ 8.5986, 0.2918,
0.3106

180.3546, 0.3051,
0.3224

■ 4.4803, 0.2867,
0.3062

221.4515, 0.3056,
0.3228

■ 1.9457, 0.2786,
0.2989

268.3604, 0.3060,

■ 0.5756, 0.2540,

0.3232

0.2781

321.4658, 0.3064,
0.3235

0.0000, 0.0000,
0.0000

48.5966, 0.3009,
0.3187

48.5966, 0.3009,
0.3187

42.2562, 0.2850,
0.3040

55.5802, 0.3161,
0.3318

36.5328, 0.2687,
0.2878

63.2199, 0.3304,
0.3435

31.4071, 0.2522,
0.2701

71.5361, 0.3438,
0.3537

26.8565, 0.2359,
0.2510

80.2463, 0.3550,
0.3628

22.8568, 0.2203,
0.2310

86.0692, 0.3527,
0.3728

■ 19.3814, 0.2060,
0.2103

■ 92.2363, 0.3505,
0.3825

■ 16.4011, 0.1936,
0.1897

■ 96.6754, 0.3490,
0.3890

■ 13.8827, 0.1834,
0.1697

■ 11.7808, 0.1757,
0.1508

Harmonies

Analogous

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



48.5966, 0.2995, 0.3229



48.5966, 0.3009, 0.3187



48.5966, 0.3055, 0.3173

Triad

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



48.5966, 0.3009, 0.3187



48.5966, 0.3241, 0.3291



48.5966, 0.3133, 0.3393

Complementary

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



48.5966, 0.3009, 0.3187



50.2508, 0.3249, 0.3391

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.



48.5966, 0.3199, 0.3410



48.5966, 0.3009, 0.3187



48.5966, 0.3262, 0.3349

Square

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



48.5966, 0.3009, 0.3187



48.5966, 0.3189, 0.3233



48.5966, 0.3247, 0.3393



48.5966, 0.3066, 0.3349

Rectangle

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



48.5966, 0.3009, 0.3187



48.5966, 0.3097, 0.3181



48.5966, 0.3247, 0.3393



48.5966, 0.3156, 0.3402

Sweetspot

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



48.5987, 0.3009, 0.3187



95.1293, 0.3097, 0.3264



51.7443, 0.3061, 0.3383



20.8602, 0.3098, 0.3265



0.0000, 0.0000, 0.0000



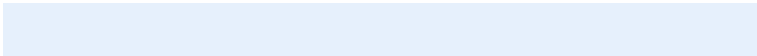
21.4041, 0.3127, 0.3290

Same Dimension

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



48.5987, 0.3009, 0.3187



86.3722, 0.2987, 0.3168



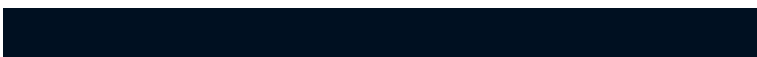
45.7343, 0.3011, 0.3095



10.5081, 0.2984, 0.3164



7.6232, 0.1748, 0.1491



0.4672, 0.1866, 0.1916

Inverse Universe

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



47.2448, 0.3201, 0.3202



83.5359, 0.3215, 0.3185



53.2780, 0.3239, 0.3478



10.1546, 0.3217, 0.3183



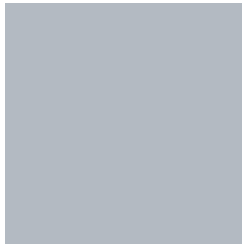
8.0518, 0.5070, 0.2567



0.3618, 0.4549, 0.2279

Previews

White Background



This preview shows how the Yxy color 48.5966, 0.3009, 0.3187 looks on a white background.

Color Contrast Check

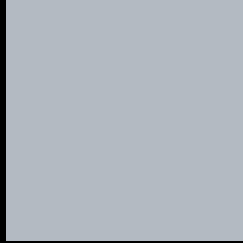
Large Text (above 18pt) WCAG AA × Fail

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 48.5966, 0.3009, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

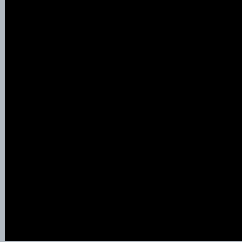
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

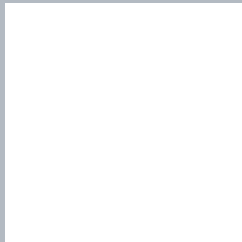
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5966, 0.3009, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 48.5966, 0.3009, 0.3187.



This preview shows how white text looks on a background with the Yxy color 48.5966, 0.3009, 0.3187.

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

48.5966, 0.3009, 0.3187

Protanopia

48.5703, 0.3074, 0.3176

Deuteranopia

48.5884, 0.3161, 0.3106



Tritanopia

48.5714, 0.2973, 0.3099

Trichromacy



Original Color

48.5966, 0.3009, 0.3187

Protanomaly

48.6155, 0.3049, 0.3188

Deuteranomaly

48.4724, 0.3101, 0.3127

Tritanomaly

48.4784, 0.2988, 0.3124

Monochromacy



Original Color

48.5966, 0.3009, 0.3187

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.3960, 0.3087, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5966, 0.3009, 0.3187 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, 186, 194)` looks like.

```
.text, #text, p{  
    color:rgb(179, 186, 194)  
}
```

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, 186, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 186, 194) }
```

Border

The CSS property to change the border of an element to Yxy 48.5966, 0.3009, 0.3187 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, 186, 194) }
```

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

```
.border{ border-color:rgb(179, 186, 194) }
```

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

Here you see how a box with a 4 pixel rgb(179, 186, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 186, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 186, 194);  
box-shadow:4px 4px 4px 4px rgb(179, 186,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5966, 0.3009, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 186, 194) }
```

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

```
.background{ background-color: rgb(179,  
186, 194) }
```

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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