

Converting Colors

$Yxy(49.3317, 0.2934, 0.3061)$

Have a look what the booklet for
Yxy(49.3317, 0.2934, 0.3061)
contains.

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Color

Yxy(49.5321, 0.2930, 0.3063)

Conversions

Conversions Part 1

Format	Color
Hex	B3BBCD
RGB	179, 187, 205
RGB Percent	70%, 73%, 80%
CMY	0.2979, 0.2667, 0.1962
CMYK	0.13, 0.09, 0.00, 0.20
HSL	222°, 21%, 75%
HSV	222°, 13%, 80%
XYZ	47.3813, 49.5321, 64.7976
YIQ	186.6600, -10.5460, 3.9020

Conversions

Conversions Part 2

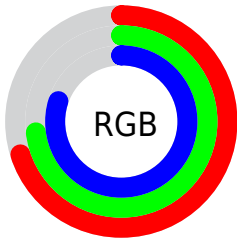
Format	Color
RYB	179, 185, 205
Decimal	11779021
CIELab	75.78, 0.85, -9.98
CIELCh	76, 10.020, 274.842
Yxy	49.5321, 0.2930, 0.3063
Android (android.graphics.Color)	4289969101 (0xFFB3BBCD)
YUV	186.6600, 9.0416, -6.7178
Hunter-Lab	70.3790, -2.9916, -5.3227

Details

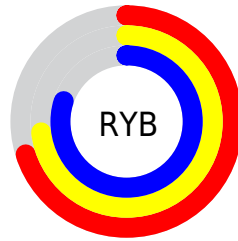
The Yxy color $49.5321, 0.2930, 0.3063$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $56.1594, 0.3327, 0.3507$, and the grayscale version is $49.4476, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.9834, 0.3006, 0.3170$, and $23.7202, 0.2872, 0.2999$ is the 20% darker color. If you saturate the color by 10%, you get $41.5412, 0.2762, 0.2859$, and if you desaturate by 10%, it is $58.4856, 0.3087, 0.3245$.

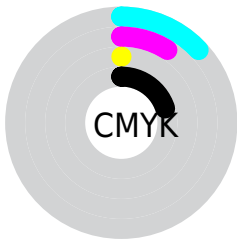
Distribution



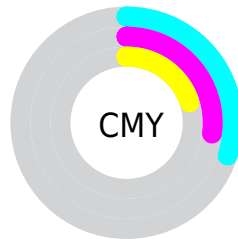
- Red (70%)
- Green (73%)
- Blue (80%)



- Red (70%)
- Yellow (73%)
- Blue (80%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)



- Cyan (30%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.5321, 0.2930, 0.3063 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 49.5321, 0.2930, 0.3063 by changing the saturation by 10% instead.

■ 49.5321, 0.2930,
0.3063

■ 49.5321, 0.2930,
0.3063

384.8333, 0.3027,
0.3175

■ 35.0418, 0.2906,
0.3036

■ 89.4812, 0.2965,
0.3103

■ 23.6950, 0.2876,
0.3001

115.7088, 0.2978,
0.3118

■ 15.1076, 0.2835,
0.2955

146.6176, 0.2990,
0.3131

■ 8.8949, 0.2780,
0.2892

182.5920, 0.2999,
0.3142

■ 4.6727, 0.2699,
0.2800

224.0163, 0.3008,
0.3152

■ 2.0565, 0.2570,
0.2654

271.2751, 0.3015,

■ 0.6400, 0.2303,

0.3161

0.2343

324.7526, 0.3022,
0.3168

0.0000, 0.0000,
0.0000

49.5321, 0.2930,
0.3063

49.5321, 0.2930,
0.3063

41.5412, 0.2762,
0.2859

58.4856, 0.3087,
0.3245

34.4737, 0.2584,
0.2633

68.4271, 0.3233,
0.3406

28.2964, 0.2403,
0.2389

79.3886, 0.3365,
0.3547

22.9718, 0.2222,
0.2130

90.2400, 0.3444,
0.3676

18.4596, 0.2050,
0.1865

97.1861, 0.3424,
0.3781

■ 14.7155, 0.1894,
0.1604

■ 11.6908, 0.1764,
0.1358

■ 9.3293, 0.1666,
0.1141

■ 7.9606, 0.1612,
0.1003

Harmonies

Analogous

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



49.5321, 0.2869, 0.3118



49.5321, 0.2930, 0.3063



49.5321, 0.3044, 0.3068

Triad

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



49.5321, 0.2930, 0.3063



49.5321, 0.3386, 0.3349



49.5321, 0.3068, 0.3460

Complementary

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



49.5321, 0.2930, 0.3063



56.1594, 0.3327, 0.3507

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.



49.5321, 0.3206, 0.3524



49.5321, 0.2930, 0.3063



49.5321, 0.3392, 0.3456

Square

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



49.5321, 0.2930, 0.3063



49.5321, 0.3309, 0.3230



49.5321, 0.3325, 0.3521



49.5321, 0.2947, 0.3348

Rectangle

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



49.5321, 0.2930, 0.3063



49.5321, 0.3136, 0.3103



49.5321, 0.3325, 0.3521



49.5321, 0.3114, 0.3488

Sweetspot

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



49.5342, 0.2930, 0.3063



93.6913, 0.3066, 0.3221



57.2526, 0.2990, 0.3392



19.8062, 0.3054, 0.3208



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.



49.5342, 0.2930, 0.3063



77.6991, 0.2888, 0.3013



46.8218, 0.2966, 0.2964



11.3970, 0.2983, 0.3125



5.1067, 0.1619, 0.1028



0.3986, 0.1731, 0.1430

Inverse Universe

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



48.8140, 0.3288, 0.3193



76.3865, 0.3326, 0.3173



59.2097, 0.3277, 0.3604



11.2695, 0.3243, 0.3219



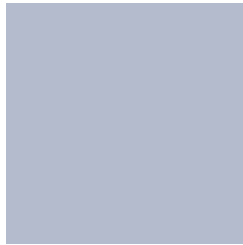
8.3185, 0.5716, 0.2923



0.4428, 0.5151, 0.2611

Previews

White Background



This preview shows how the Yxy color 49.5321, 0.2930, 0.3063 looks on a white background.

Color Contrast Check

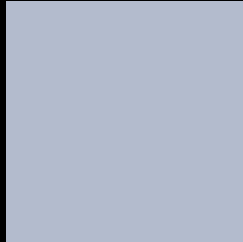
Large Text (above 18pt) WCAG AA × Fail

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 49.5321, 0.2930, 0.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

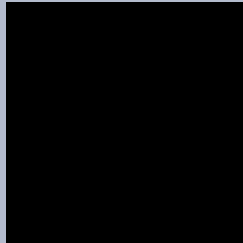
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.5321, 0.2930, 0.3063

Background



This preview shows how black text looks on a background with the Yxy color 49.5321, 0.2930, 0.3063.

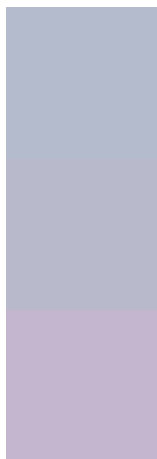


This preview shows how white text looks on a background with the Yxy color 49.5321, 0.2930, 0.3063.

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

49.5321, 0.2930, 0.3063

Protanopia

49.3718, 0.2984, 0.3053

Deuteranopia

49.6479, 0.3058, 0.2998



Tritanopia

49.3886, 0.2951, 0.3100

Trichromacy



Original Color

49.5321, 0.2930, 0.3063

Protanomaly

49.5447, 0.2968, 0.3064

Deuteranomaly

49.6844, 0.3009, 0.3019

Tritanomaly

49.4362, 0.2944, 0.3087

Monochromacy



Original Color

49.5321, 0.2930, 0.3063

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.6260, 0.3049, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5321, 0.2930, 0.3063 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, 187, 205)` looks like.

```
.text, #text, p{  
    color:rgb(179, 187, 205)  
}
```

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, 187, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 187, 205) }
```

Border

The CSS property to change the border of an element to Yxy 49.5321, 0.2930, 0.3063 is called "border". The border property can be set on classes, ids or directly on the HTML element.

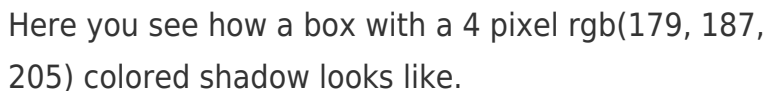
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 187, 205) }
```

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

```
.border{ border-color:rgb(179, 187, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 187, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 187, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 187, 205);  
box-shadow:4px 4px 4px 4px rgb(179, 187,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5321, 0.2930, 0.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 187, 205) }
```

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

```
.background{ background-color: rgb(179,  
187, 205) }
```

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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