

Converting Colors

$Yxy(49.0942, 0.3020, 0.3290)$

Have a look what the booklet for
Yxy(49.0942, 0.3020, 0.3290)
contains.

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Color

Yxy(49.1833, 0.3014, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	AFBDBD
RGB	175, 189, 189
RGB Percent	69%, 74%, 74%
CMY	0.3138, 0.2588, 0.2589
CMYK	0.07, 0.00, 0.00, 0.26
HSL	180°, 10%, 71%
HSV	180°, 7%, 74%
XYZ	45.0573, 49.1833, 55.2527
YIQ	184.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

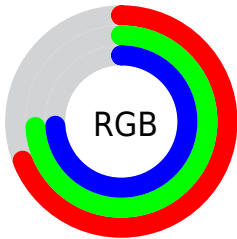
Format	Color
RYB	175, 182, 189
Decimal	11517373
CIELab	75.57, -4.81, -1.65
CIElCh	76, 5.091, 198.956
Yxy	49.1833, 0.3014, 0.3290
Android (android.graphics.Color)	4289707453 (0xFFAFBDBD)
YUV	184.8140, 2.0637, -8.6069
Hunter-Lab	70.1308, -8.0471, 2.3798

Details

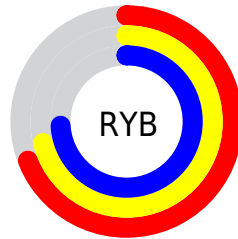
The Yxy color $49.1833, 0.3014, 0.3290$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $44.5686, 0.3252, 0.3290$, and the grayscale version is $48.3978, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.8863, 0.3038, 0.3290$, and $23.5968, 0.2986, 0.3290$ is the 20% darker color. If you saturate the color by 10%, you get $47.1479, 0.2868, 0.3290$, and if you desaturate by 10%, it is $51.5290, 0.3167, 0.3290$.

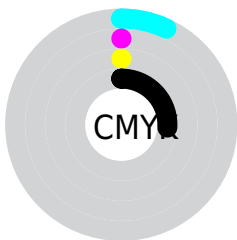
Distribution



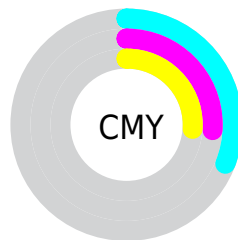
- Red (69%)
- Green (74%)
- Blue (74%)



- Red (69%)
- Yellow (71%)
- Blue (74%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)





- Cyan (31%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.1833, 0.3014, 0.3290 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 49.1833, 0.3014, 0.3290 by changing the saturation by 10% instead.

 49.1833, 0.3014,
0.3290

 49.1833, 0.3014,
0.3290

383.4635, 0.3070,
0.3290

 34.7649, 0.3000,
0.3290


 88.9636, 0.3034,
0.3290

 23.4818, 0.2983,
0.3290


115.0944, 0.3042,
0.3290

 14.9497, 0.2959,
0.3289


145.8980, 0.3048,
0.3290

 8.7841, 0.2927,
0.3289

181.7589, 0.3054,
0.3290

 4.6006, 0.2879,
0.3287

223.0615, 0.3059,
0.3290

 2.0149, 0.2802,
0.3285

270.1902, 0.3063,

 0.6161, 0.2502,

0.3290

0.3294

323.5294, 0.3067,
0.3290

0.0000, 0.0000,
0.0000

49.1833, 0.3014,
0.3290

49.1833, 0.3014,
0.3290

47.1479, 0.2868,
0.3290

51.5290, 0.3167,
0.3290

45.4039, 0.2734,
0.3290

54.1906, 0.3325,
0.3290

43.9398, 0.2612,
0.3291

57.1815, 0.3485,
0.3290

42.7410, 0.2506,
0.3291

60.5125, 0.3645,
0.3290

41.7917, 0.2419,
0.3291

61.3416, 0.3682,
0.3290

■ 41.0743, 0.2350,
0.3292

■ 61.3432, 0.3681,
0.3290

■ 40.5688, 0.2300,
0.3292

■ 61.3448, 0.3681,
0.3289

■ 40.2521, 0.2268,
0.3293

■ 61.3465, 0.3681,
0.3289

■ 40.0905, 0.2251,
0.3293

■ 61.3481, 0.3680,
0.3288

Harmonies

Analogous

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



49.1833, 0.3066, 0.3352



49.1833, 0.3014, 0.3290



49.1833, 0.2992, 0.3229

Triad

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



49.1833, 0.3014, 0.3290



49.1833, 0.3118, 0.3187



49.1833, 0.3250, 0.3394

Complementary

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



49.1833, 0.3014, 0.3290



44.5686, 0.3252, 0.3290

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.



49.1833, 0.3265, 0.3349



49.1833, 0.3014, 0.3290



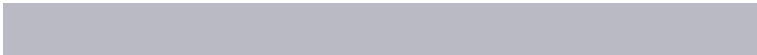
49.1833, 0.3188, 0.3230

Square

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



49.1833, 0.3014, 0.3290



49.1833, 0.3052, 0.3171



49.1833, 0.3242, 0.3289



49.1833, 0.3202, 0.3412

Rectangle

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



49.1833, 0.3014, 0.3290



49.1833, 0.2997, 0.3197



49.1833, 0.3242, 0.3289



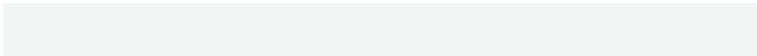
49.1833, 0.3259, 0.3382

Sweetspot

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



49.1854, 0.3014, 0.3290



90.2721, 0.3096, 0.3290



48.6335, 0.3120, 0.3476



19.4221, 0.3097, 0.3290



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.



49.1854, 0.3014, 0.3290



87.4127, 0.2988, 0.3290



46.3368, 0.3014, 0.3201



10.8092, 0.2985, 0.3290



26.9492, 0.2248, 0.3293



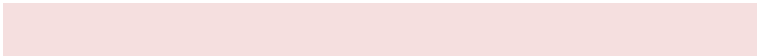
1.0557, 0.2248, 0.3292

Inverse Universe

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



44.5686, 0.3252, 0.3290



77.3455, 0.3284, 0.3290



47.2735, 0.3244, 0.3378



9.5367, 0.3288, 0.3290



7.2799, 0.6398, 0.3298



0.2853, 0.6388, 0.3293

Previews

White Background



This preview shows how the Yxy color 49.1833, 0.3014, 0.3290 looks on a white background.

Color Contrast Check

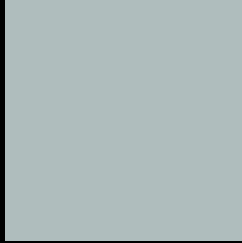
Large Text (above 18pt) WCAG AA × Fail

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 49.1833, 0.3014, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

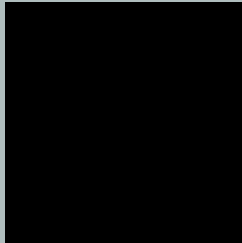
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

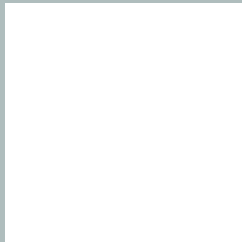
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.1833, 0.3014, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 49.1833, 0.3014, 0.3290.



This preview shows how white text looks on a background with the Yxy color 49.1833, 0.3014, 0.3290.

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

49.1833, 0.3014, 0.3290

Protanopia

49.1046, 0.3145, 0.3265

Deuteranopia

48.9607, 0.3228, 0.3156



Tritanopia

49.1520, 0.2935, 0.3099

Trichromacy



Original Color

49.1833, 0.3014, 0.3290

Protanomaly

48.9390, 0.3095, 0.3264

Deuteranomaly

48.7911, 0.3148, 0.3202

Tritanomaly

49.2278, 0.2964, 0.3174

Monochromacy



Original Color

49.1833, 0.3014, 0.3290

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.4867, 0.3086, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1833, 0.3014, 0.3290 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(175, 189, 189)` looks like.

```
.text, #text, p{  
    color:rgb(175, 189, 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(175, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 189, 189) }
```

Border

The CSS property to change the border of an element to Yxy 49.1833, 0.3014, 0.3290 is called "border". The border property can be set on classes, ids or directly on the HTML element.

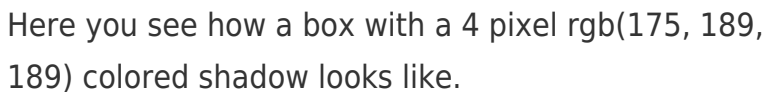
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 189, 189) }
```

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

```
.border{ border-color:rgb(175, 189, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 189, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 189, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 189, 189);  
box-shadow:4px 4px 4px 4px rgb(175, 189,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1833, 0.3014, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 189, 189) }
```

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

```
.background{ background-color: rgb(175,  
189, 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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