

Converting Colors

$Yxy(49.5854, 0.2885, 0.3049)$

Have a look what the booklet for
Yxy(49.5854, 0.2885, 0.3049)
contains.

Yxy(49.5854, 0.2885, 0.3049)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(49.5854, 0.2885, 0.3049)

Conversions

Conversions Part 1

Format	Color
Hex	AFBCCF
RGB	175, 188, 207
RGB Percent	69%, 74%, 81%
CMY	0.3139, 0.2627, 0.1883
CMYK	0.15, 0.09, 0.00, 0.19
HSL	216°, 25%, 75%
HSV	216°, 15%, 81%
XYZ	46.9183, 49.5854, 66.1247
YIQ	186.2790, -13.8470, 3.1530

Conversions

Conversions Part 2

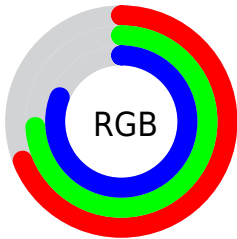
Format	Color
R _Y B	175, 184, 207
Decimal	11517135
CIE Lab	75.81, -0.59, -11.07
CIE LCh	76, 11.084, 266.939
Yxy	49.5854, 0.2885, 0.3049
Android (android.graphics.Color)	4289707215 (0xFFAFBCCF)
YUV	186.2790, 10.2155, -9.8917
Hunter-Lab	70.4169, -4.2963, -6.3842

Details

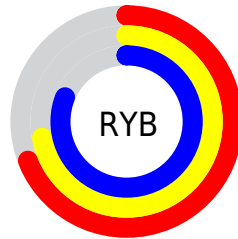
The Yxy color **49.5854, 0.2885, 0.3049** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9178, 0.3381, 0.3520**, and the grayscale version is **49.2129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9103, 0.2981, 0.3179**, and **23.7654, 0.2814, 0.2980** is the 20% darker color. If you saturate the color by 10%, you get **42.3530, 0.2719, 0.2870**, and if you desaturate by 10%, it is **57.6346, 0.3044, 0.3210**.

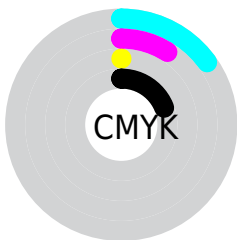
Distribution



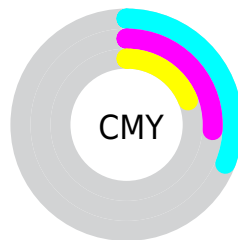
- Red (69%)
- Green (74%)
- Blue (81%)



- Red (69%)
- Yellow (72%)
- Blue (81%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (19%)



- Cyan (31%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.5854, 0.2885, 0.3049 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 49.5854, 0.2885, 0.3049 by changing the saturation by 10% instead.

■ 49.5854, 0.2885,
0.3049

■ 49.5854, 0.2885,
0.3049

■ 385.0424, 0.3004,
0.3168

■ 35.0841, 0.2856,
0.3020

■ 89.5603, 0.2928,
0.3092

■ 23.7277, 0.2819,
0.2983

■ 115.8026, 0.2944,
0.3108

■ 15.1317, 0.2770,
0.2934

■ 146.7275, 0.2958,
0.3122

■ 8.9119, 0.2703,
0.2866

■ 182.7191, 0.2970,
0.3134

■ 4.6837, 0.2605,
0.2768

■ 224.1621, 0.2980,
0.3144

■ 2.0629, 0.2451,
0.2612

■ 271.4407, 0.2989,

■ 0.6437, 0.2125,

0.3153

0.2290

324.9393, 0.2997,
0.3161

0.0000, 0.0000,
0.0000

49.5854, 0.2885,
0.3049

49.5854, 0.2885,
0.3049

42.3530, 0.2719,
0.2870

57.6346, 0.3044,
0.3210

35.9034, 0.2548,
0.2674

66.5205, 0.3194,
0.3353

30.2093, 0.2376,
0.2462

76.2702, 0.3333,
0.3479

25.2391, 0.2210,
0.2239

86.3796, 0.3443,
0.3591

20.9589, 0.2055,
0.2009

93.7306, 0.3421,
0.3708

■ 17.3312, 0.1918,
0.1779

■ 97.2847, 0.3412,
0.3761

■ 14.3139, 0.1805,
0.1559

■ 11.8578, 0.1719,
0.1357

■ 10.8966, 0.1687,
0.1271

Harmonies

Analogous

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



49.5854, 0.2837, 0.3125



49.5854, 0.2885, 0.3049



49.5854, 0.2998, 0.3037

Triad

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



49.5854, 0.2885, 0.3049



49.5854, 0.3398, 0.3320



49.5854, 0.3101, 0.3504

Complementary

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



49.5854, 0.2885, 0.3049



54.9178, 0.3381, 0.3520

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.



49.5854, 0.3253, 0.3556



49.5854, 0.2885, 0.3049



49.5854, 0.3427, 0.3445

Square

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



49.5854, 0.2885, 0.3049



49.5854, 0.3295, 0.3191



49.5854, 0.3373, 0.3533



49.5854, 0.2960, 0.3390

Rectangle

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



49.5854, 0.2885, 0.3049



49.5854, 0.3096, 0.3065



49.5854, 0.3373, 0.3533



49.5854, 0.3153, 0.3529

Sweetspot

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



49.5875, 0.2885, 0.3049



92.9352, 0.3050, 0.3216



57.6120, 0.2982, 0.3458



19.6854, 0.3039, 0.3205



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.



49.5875, 0.2885, 0.3049



74.9704, 0.2823, 0.2984



44.5736, 0.2900, 0.2881



12.1972, 0.2982, 0.3149



7.0413, 0.1694, 0.1297



0.5480, 0.1796, 0.1664

Inverse Universe

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



47.5430, 0.3303, 0.3132



71.1747, 0.3354, 0.3092



60.5997, 0.3336, 0.3673



11.8869, 0.3228, 0.3196



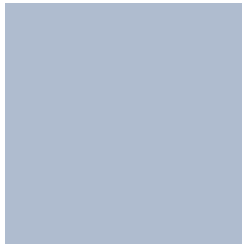
8.7821, 0.5331, 0.2711



0.5066, 0.4851, 0.2446

Previews

White Background



This preview shows how the Yxy color 49.5854, 0.2885, 0.3049 looks on a white background.

Color Contrast Check

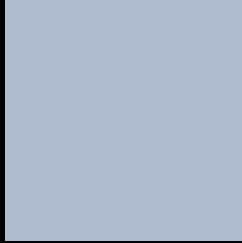
Large Text (above 18pt) WCAG AA × Fail

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 49.5854, 0.2885, 0.3049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

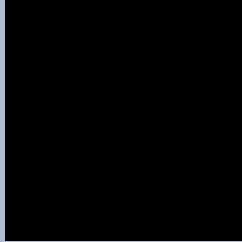
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

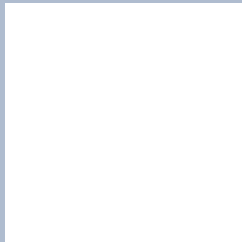
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.5854, 0.2885, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 49.5854, 0.2885, 0.3049.



This preview shows how white text looks on a background with the Yxy color 49.5854, 0.2885, 0.3049.

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

49.5854, 0.2885, 0.3049

Protanopia

49.2960, 0.2968, 0.3040

Deuteranopia

49.6121, 0.3034, 0.2974



Tritanopia

49.7535, 0.2899, 0.3098

Trichromacy



Original Color

49.5854, 0.2885, 0.3049

Protanomaly

49.3978, 0.2938, 0.3039

Deuteranomaly

49.5264, 0.2978, 0.2994

Tritanomaly

49.8016, 0.2892, 0.3086

Monochromacy



Original Color

49.5854, 0.2885, 0.3049

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.3808, 0.3033, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5854, 0.2885, 0.3049 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, 188, 207)` looks like.

```
.text, #text, p{  
    color:rgb(175, 188, 207)  
}
```

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, 188, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 188, 207) }
```

Border

The CSS property to change the border of an element to Yxy 49.5854, 0.2885, 0.3049 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, 188, 207) }
```

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

```
.border{ border-color:rgb(175, 188, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 188, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 188, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 188, 207);  
box-shadow:4px 4px 4px 4px rgb(175, 188,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5854, 0.2885, 0.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 188, 207) }
```

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

```
.background{ background-color: rgb(175,  
188, 207) }
```

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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