

Converting Colors

$Yxy(49.1361, 0.2611, 0.2880)$

Have a look what the booklet for
Yxy(49.1361, 0.2611, 0.2880)
contains.

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Color

Yxy(49.0733, 0.2611, 0.2878)

Conversions

Conversions Part 1

Format	Color
Hex	96BFD9
RGB	150, 191, 223
RGB Percent	59%, 75%, 87%
CMY	0.4119, 0.2509, 0.1256
CMYK	0.33, 0.14, 0.00, 0.13
HSL	206°, 53%, 73%
HSV	206°, 33%, 87%
XYZ	44.5206, 49.0733, 76.9179
YIQ	182.3890, -34.7080, 1.2600

Conversions

Conversions Part 2

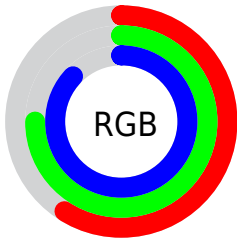
Format	Color
RYB	150, 176, 223
Decimal	9879519
CIELab	75.50, -6.07, -20.37
CIELCh	75, 21.256, 253.396
Yxy	49.0733, 0.2611, 0.2878
Android (android.graphics.Color)	4288069599 (0xFF96BFDF)
YUV	182.3890, 20.0212, -28.4052
Hunter-Lab	70.0523, -9.1488, -16.0641

Details

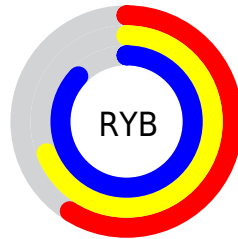
The Yxy color **49.0733, 0.2611, 0.2878** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.3134, 0.3762, 0.3667**, and the grayscale version is **46.9027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8633, 0.2833, 0.3206**, and **23.5455, 0.2477, 0.2766** is the 20% darker color. If you saturate the color by 10%, you get **43.0405, 0.2455, 0.2727**, and if you desaturate by 10%, it is **55.7962, 0.2771, 0.3018**.

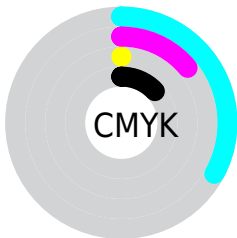
Distribution



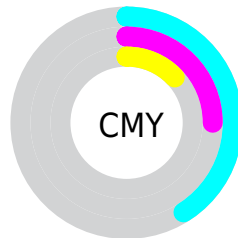
- Red (59%)
- Green (75%)
- Blue (87%)



- Red (59%)
- Yellow (69%)
- Blue (87%)



- Cyan (33%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)



- Cyan (41%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.0733, 0.2611, 0.2878 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 49.0733, 0.2611, 0.2878 by changing the saturation by 10% instead.

■ 49.0733, 0.2611,
0.2878

■ 49.0733, 0.2611,
0.2878

■ 383.0308, 0.2862,
0.3083

■ 34.6776, 0.2551,
0.2828

■ 88.8003, 0.2701,
0.2952

■ 23.4147, 0.2475,
0.2764

■ 114.9004, 0.2735,
0.2980

■ 14.9000, 0.2376,
0.2680

■ 145.6708, 0.2764,
0.3003

■ 8.7492, 0.2244,
0.2566

■ 181.4959, 0.2789,
0.3024

■ 4.5780, 0.2057,
0.2401

■ 222.7601, 0.2811,
0.3041

■ 2.0018, 0.1778,
0.2146

■ 269.8477, 0.2830,

■ 0.6085, 0.1189,

0.3057

0.1682

323.1431, 0.2847,
0.3070

0.0000, 0.0000,
0.0000

49.0733, 0.2611,
0.2878

49.0733, 0.2611,
0.2878

43.0405, 0.2455,
0.2727

55.7962, 0.2771,
0.3018

37.6636, 0.2306,
0.2566

63.2298, 0.2930,
0.3146

32.9138, 0.2168,
0.2398

71.4009, 0.3085,
0.3261

28.7569, 0.2048,
0.2227

80.3329, 0.3236,
0.3363

25.1544, 0.1948,
0.2055

88.8023, 0.3335,
0.3457

■ 22.0608, 0.1870,
0.1889

■ 94.6998, 0.3322,
0.3551

■ 20.0833, 0.1826,
0.1772

■ 98.1063, 0.3316,
0.3602

Harmonies

Analogous

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



49.0733, 0.2584, 0.3064



49.0733, 0.2611, 0.2878



49.0733, 0.2770, 0.2807

Triad

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



49.0733, 0.2611, 0.2878



49.0733, 0.3576, 0.3228



49.0733, 0.3205, 0.3776

Complementary

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



49.0733, 0.2611, 0.2878



51.3134, 0.3762, 0.3667

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.



49.0733, 0.3481, 0.3803



49.0733, 0.2611, 0.2878



49.0733, 0.3703, 0.3472

Square

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



49.0733, 0.2611, 0.2878



49.0733, 0.3325, 0.3008



49.0733, 0.3666, 0.3684



49.0733, 0.2918, 0.3599

Rectangle

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



49.0733, 0.2611, 0.2878



49.0733, 0.2934, 0.2827



49.0733, 0.3666, 0.3684



49.0733, 0.3302, 0.3803

Sweetspot

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



49.0752, 0.2611, 0.2878



88.5631, 0.2972, 0.3177



62.6037, 0.2895, 0.3827



18.6298, 0.2949, 0.3161



0.0000, 0.0000, 0.0000



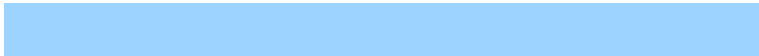
21.4041, 0.3127, 0.3290

Same Dimension

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



49.0752, 0.2611, 0.2878



61.0606, 0.2508, 0.2780



35.1972, 0.2550, 0.2388



14.5154, 0.2981, 0.3185



12.0408, 0.1832, 0.1796



1.0120, 0.1902, 0.2047

Inverse Universe

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



41.2501, 0.3461, 0.2814



49.6124, 0.3553, 0.2717



68.0830, 0.3635, 0.4056



13.8290, 0.3205, 0.3159



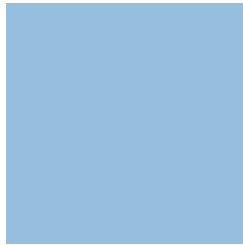
10.1236, 0.4690, 0.2358



0.7196, 0.4400, 0.2197

Previews

White Background



This preview shows how the Yxy color 49.0733, 0.2611, 0.2878 looks on a white background.

Color Contrast Check

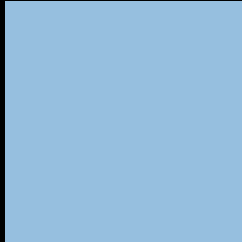
Large Text (above 18pt) WCAG AA × Fail

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 49.0733, 0.2611, 0.2878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

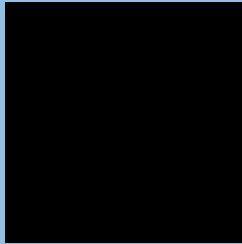
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

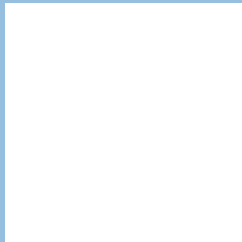
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.0733, 0.2611, 0.2878

Background



This preview shows how black text looks on a background with the Yxy color 49.0733, 0.2611, 0.2878.



This preview shows how white text looks on a background with the Yxy color 49.0733, 0.2611, 0.2878.

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

49.0733, 0.2611, 0.2878

Protanopia

48.9266, 0.2837, 0.2869

Deuteranopia

48.6743, 0.2825, 0.2757



Tritanopia

48.9464, 0.2679, 0.3077

Trichromacy



Original Color

49.0733, 0.2611, 0.2878

Protanomaly

49.0328, 0.2746, 0.2875

Deuteranomaly

48.8504, 0.2747, 0.2806

Tritanomaly

48.8502, 0.2653, 0.3000

Monochromacy



Original Color

49.0733, 0.2611, 0.2878

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.2752, 0.2916, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0733, 0.2611, 0.2878 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(150, 191, 223)` looks like.

```
.text, #text, p{  
    color:rgb(150, 191, 223)  
}
```

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(150, 191, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 191, 223) }
```

Border

The CSS property to change the border of an element to Yxy 49.0733, 0.2611, 0.2878 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(150, 191, 223) }
```

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

```
.border{ border-color:rgb(150, 191, 223) }
```

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

Here you see how a box with a 4 pixel rgb(150, 191, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 191, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 191, 223);  
box-shadow:4px 4px 4px 4px rgb(150, 191,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0733, 0.2611, 0.2878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 191, 223) }
```

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

```
.background{ background-color: rgb(150,  
191, 223) }
```

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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