

Converting Colors

$Yxy(49.0422, 0.2666, 0.3002)$

Have a look what the booklet for
Yxy(49.0422, 0.2666, 0.3002)
contains.

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Color

Yxy(49.0383, 0.2666, 0.3001)

Conversions

Conversions Part 1

Format	Color
Hex	96C0D6
RGB	150, 192, 214
RGB Percent	59%, 75%, 84%
CMY	0.4118, 0.2470, 0.1607
CMYK	0.30, 0.10, 0.00, 0.16
HSL	201°, 44%, 71%
HSV	201°, 30%, 84%
XYZ	43.5642, 49.0383, 70.8040
YIQ	181.9500, -32.0940, -2.0620

Conversions

Conversions Part 2

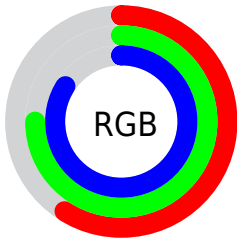
Format	Color
RYB	150, 175, 214
Decimal	9879766
CIELab	75.48, -8.78, -15.56
CIELCh	75, 17.864, 240.557
Yxy	49.0383, 0.2666, 0.3001
Android (android.graphics.Color)	4288069846 (0xFF96C0D6)
YUV	181.9500, 15.8007, -28.0201
Hunter-Lab	70.0274, -11.5026, -10.9285

Details

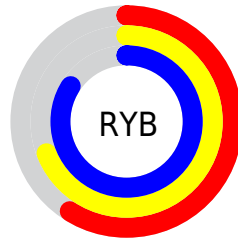
The Yxy color **49.0383, 0.2666, 0.3001** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.0062, 0.3715, 0.3561**, and the grayscale version is **46.6754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3339, 0.2828, 0.3216**, and **23.5098, 0.2546, 0.2932** is the 20% darker color. If you saturate the color by 10%, you get **44.0409, 0.2517, 0.2887**, and if you desaturate by 10%, it is **54.5719, 0.2819, 0.3107**.

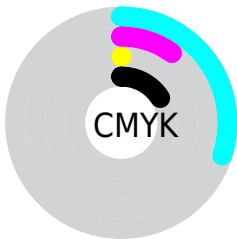
Distribution



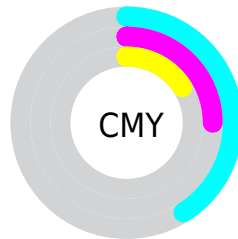
- Red (59%)
- Green (75%)
- Blue (84%)



- Red (59%)
- Yellow (69%)
- Blue (84%)



- Cyan (30%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (41%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.0383, 0.2666, 0.3001 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 49.0383, 0.2666, 0.3001 by changing the saturation by 10% instead.

■ 49.0383, 0.2666,
0.3001

■ 49.0383, 0.2666,
0.3001

■ 382.8931, 0.2891,
0.3146

■ 34.6499, 0.2612,
0.2965

■ 88.7483, 0.2746,
0.3054

■ 23.3933, 0.2543,
0.2918

■ 114.8387, 0.2777,
0.3074

■ 14.8842, 0.2454,
0.2856

■ 145.5985, 0.2803,
0.3091

■ 8.7381, 0.2333,
0.2770

■ 181.4122, 0.2825,
0.3105

■ 4.5708, 0.2160,
0.2644

■ 222.6641, 0.2845,
0.3117

■ 1.9977, 0.1898,
0.2441

■ 269.7386, 0.2862,

■ 0.6061, 0.1228,

0.3128

0.2057

323.0201, 0.2877,
0.3138

0.0000, 0.0000,
0.0000

49.0383, 0.2666,
0.3001

49.0383, 0.2666,
0.3001

44.0409, 0.2517,
0.2887

54.5719, 0.2819,
0.3107

39.5515, 0.2377,
0.2765

60.6569, 0.2975,
0.3203

35.5473, 0.2250,
0.2638

67.3149, 0.3128,
0.3291

32.0014, 0.2138,
0.2506

74.5645, 0.3279,
0.3369

28.8830, 0.2046,
0.2374

82.0434, 0.3410,
0.3439

■ 26.1563, 0.1974,
0.2242

■ 86.1976, 0.3398,
0.3511

■ 23.7590, 0.1921,
0.2113

■ 90.5264, 0.3387,
0.3582

■ 23.7417, 0.1920,
0.2112

■ 95.0318, 0.3376,
0.3652

■ 97.6364, 0.3369,
0.3691

Harmonies

Analogous

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



49.0383, 0.2694, 0.3193



49.0383, 0.2666, 0.3001



49.0383, 0.2755, 0.2895

Triad

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



49.0383, 0.2666, 0.3001



49.0383, 0.3424, 0.3154



49.0383, 0.3299, 0.3722

Complementary

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



49.0383, 0.2666, 0.3001



46.0062, 0.3715, 0.3561

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.



49.0383, 0.3505, 0.3692



49.0383, 0.2666, 0.3001



49.0383, 0.3581, 0.3359

Square

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



49.0383, 0.2666, 0.3001



49.0383, 0.3188, 0.2986



49.0383, 0.3610, 0.3555



49.0383, 0.3053, 0.3624

Rectangle

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



49.0383, 0.2666, 0.3001



49.0383, 0.2872, 0.2882



49.0383, 0.3610, 0.3555



49.0383, 0.3375, 0.3726

Sweetspot

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



49.0403, 0.2666, 0.3001



90.9727, 0.2987, 0.3211



57.5411, 0.2953, 0.3861



19.1738, 0.2965, 0.3197



0.0000, 0.0000, 0.0000



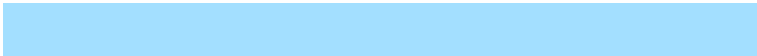
21.4041, 0.3127, 0.3290

Same Dimension

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



49.0403, 0.2666, 0.3001



68.0374, 0.2570, 0.2928



36.7073, 0.2618, 0.2570



13.3555, 0.2982, 0.3208



14.5471, 0.1925, 0.2131



1.0288, 0.1987, 0.2355

Inverse Universe

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



39.9122, 0.3365, 0.2789



52.8768, 0.3432, 0.2679



59.3794, 0.3610, 0.3920



12.5568, 0.3190, 0.3138



9.8134, 0.4307, 0.2146



0.6072, 0.4070, 0.2016

Previews

White Background



This preview shows how the Yxy color 49.0383, 0.2666, 0.3001 looks on a white background.

Color Contrast Check

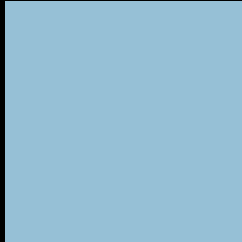
Large Text (above 18pt) WCAG AA × Fail

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 49.0383, 0.2666, 0.3001 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

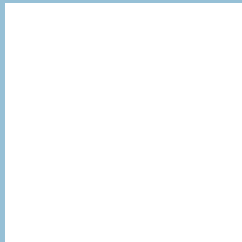
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.0383, 0.2666, 0.3001

Background



This preview shows how black text looks on a background with the Yxy color 49.0383, 0.2666, 0.3001.



This preview shows how white text looks on a background with the Yxy color 49.0383, 0.2666, 0.3001.

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

49.0383, 0.2666, 0.3001

Protanopia

48.8295, 0.2923, 0.2978

Deuteranopia

48.8244, 0.2927, 0.2864



Tritanopia

49.0836, 0.2698, 0.3090

Trichromacy



Original Color

49.0383, 0.2666, 0.3001

Protanomaly

48.7898, 0.2820, 0.2984

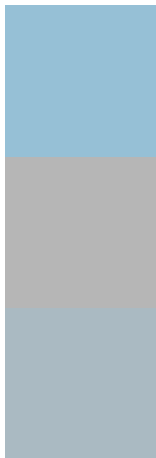
Deuteranomaly

48.7182, 0.2828, 0.2914

Tritanomaly

49.1826, 0.2686, 0.3065

Monochromacy



Original Color

49.0383, 0.2666, 0.3001

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.5589, 0.2938, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0383, 0.2666, 0.3001 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, 192, 214)` looks like.

```
.text, #text, p{  
    color:rgb(150, 192, 214)  
}
```

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, 192, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 192, 214) }
```

Border

The CSS property to change the border of an element to Yxy 49.0383, 0.2666, 0.3001 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, 192, 214) }
```

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

```
.border{ border-color:rgb(150, 192, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 192, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 192, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 192, 214);  
box-shadow:4px 4px 4px 4px rgb(150, 192,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0383, 0.2666, 0.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 192, 214) }
```

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

```
.background{ background-color: rgb(150,  
192, 214) }
```

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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