

Converting Colors

$Yxy(25.0674, 0.2102, 0.2767)$

Have a look what the booklet for
Yxy(25.0674, 0.2102, 0.2767)
contains.

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Color

$\text{Yxy}(25.0674, 0.2102, 0.2767)$

Conversions

Conversions Part 1

Format	Color
Hex	0096B3
RGB	0, 150, 179
RGB Percent	0%, 59%, 70%
CMY	1.0000, 0.4118, 0.2980
CMYK	1.00, 0.16, 0.00, 0.30
HSL	190°, 100%, 35%
HSV	190°, 100%, 70%
XYZ	19.0429, 25.0674, 46.4839
YIQ	108.4560, -98.7090, -22.7810

Conversions

Conversions Part 2

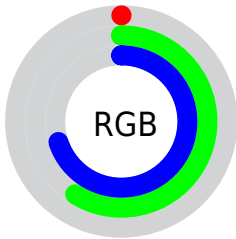
Format	Color
RYB	0, 82, 179
Decimal	38579
CIELab	57.14, -22.69, -24.49
CIELCh	57, 33.385, 227.185
Yxy	25.0674, 0.2102, 0.2767
Android (android.graphics.Color)	4278228659 (0xFF0096B3)
YUV	108.4560, 34.7782, -95.1159
Hunter-Lab	50.0674, -19.7262, -19.9993

Details

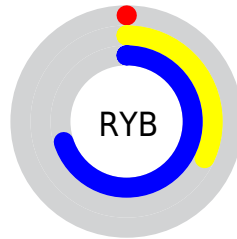
The Yxy color **25.0674, 0.2102, 0.2767** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **10.4629, 0.6237, 0.3429**, and the grayscale version is **15.0526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5636, 0.2300, 0.2878**, and **10.4300, 0.2058, 0.2609** is the 20% darker color. If you saturate the color by 10%, you get **25.0683, 0.2102, 0.2767**, and if you desaturate by 10%, it is **26.1330, 0.2135, 0.2824**.

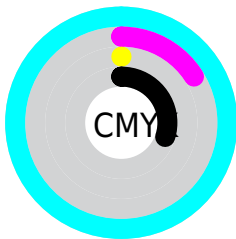
Distribution



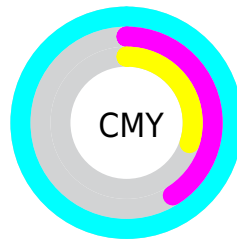
- Red (0%)
- Green (59%)
- Blue (70%)



- Red (0%)
- Yellow (32%)
- Blue (70%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (30%)




- Cyan (100%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0674, 0.2102, 0.2767 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 25.0674, 0.2102, 0.2767 by changing the saturation by 10% instead.


 25.0674, 0.2102,
0.2767


 25.0674, 0.2102,
0.2767


 278.1734, 0.2642,
0.3067


 16.1273, 0.1961,
0.2679


 51.7665, 0.2304,
0.2886

 9.6143, 0.1777,
0.2557


 70.2944, 0.2378,
0.2928

 5.1440, 0.1531,
0.2381

 92.7869, 0.2440,
0.2962

 2.3320, 0.1193,
0.2110

 119.6284, 0.2493,
0.2990

 0.7906, 0.0427,
0.1711

 151.2035, 0.2538,
0.3014

 0.0000, 0.0000,
0.0000

 187.8964, 0.2577,

0.3034

230.0916, 0.2612,
0.3052

■ 25.0674, 0.2102,
0.2767

■ 25.0674, 0.2102,
0.2767

■ 25.0683, 0.2102,
0.2767

■ 26.1330, 0.2135,
0.2824

■ 27.3370, 0.2183,
0.2881

■ 28.7250, 0.2250,
0.2939

■ 30.3182, 0.2335,
0.2996

■ 32.1348, 0.2438,
0.3052

■ 34.1909, 0.2556,
0.3105

■ 36.5007, 0.2687,
0.3157

■ 39.0776, 0.2828,
0.3205

■ 41.9337, 0.2976,
0.3249

Harmonies

Analogous

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



25.0674, 0.2259, 0.3273



25.0674, 0.2102, 0.2767



25.0674, 0.2183, 0.2467

Triad

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



25.0674, 0.2102, 0.2767



25.0674, 0.3577, 0.2802



25.0674, 0.3727, 0.4314

Complementary

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



25.0674, 0.2102, 0.2767



10.4629, 0.6237, 0.3429

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.



25.0674, 0.4136, 0.4059



25.0674, 0.2102, 0.2767



25.0674, 0.4065, 0.3203

Square

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



25.0674, 0.2102, 0.2767



25.0674, 0.2990, 0.2514



25.0674, 0.4272, 0.3649



25.0674, 0.3178, 0.4262

Rectangle

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



25.0674, 0.2102, 0.2767



25.0674, 0.2365, 0.2392



25.0674, 0.4272, 0.3649



25.0674, 0.3886, 0.4256

Sweetspot

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



25.0683, 0.2102, 0.2767



65.1484, 0.2680, 0.3154



32.3199, 0.2964, 0.5872



14.0413, 0.2624, 0.3133



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



25.0683, 0.2102, 0.2767



44.6155, 0.2099, 0.2758



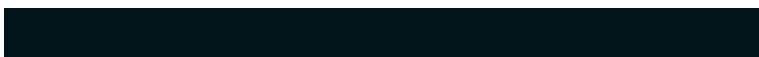
6.7713, 0.1646, 0.1127



9.3924, 0.2986, 0.3252



17.7937, 0.2104, 0.2774



0.6223, 0.2148, 0.2932

Inverse Universe

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



11.7862, 0.3665, 0.1793



21.0797, 0.3674, 0.1798



22.1562, 0.4976, 0.4431



8.6226, 0.3161, 0.3101



8.3364, 0.3659, 0.1789



0.2686, 0.3515, 0.1710

Previews

White Background



This preview shows how the Yxy color 25.0674, 0.2102, 0.2767 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0674, 0.2102, 0.2767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

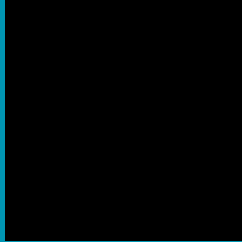
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0674, 0.2102, 0.2767

Background



This preview shows how black text looks on a background with the Yxy color 25.0674, 0.2102, 0.2767.

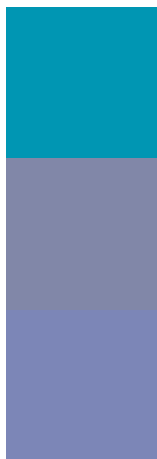


This preview shows how white text looks on a background with the Yxy color 25.0674, 0.2102, 0.2767.

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

25.0674, 0.2102, 0.2767

Protanopia

24.8222, 0.2750, 0.2754

Deuteranopia

24.7542, 0.2580, 0.2516



Tritanopia

25.1368, 0.2184, 0.3062

Trichromacy



Original Color

25.0674, 0.2102, 0.2767



Protanomaly

23.5286, 0.2352, 0.2725



Deuteranomaly

23.7958, 0.2273, 0.2570



Tritanomaly

24.9978, 0.2154, 0.2954

Monochromacy



Original Color

25.0674, 0.2102, 0.2767



Achromatopsia

14.9960, 0.3127, 0.3290



Achromatomaly

17.1524, 0.2466, 0.3056

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0674, 0.2102, 0.2767 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(0, 150, 179)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 179)  
}
```

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(0, 150, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 179) }
```

Border

The CSS property to change the border of an element to Yxy 25.0674, 0.2102, 0.2767 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(0, 150, 179) }
```

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

```
.border{ border-color:rgb(0, 150, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 150, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 179);  
box-shadow:4px 4px 4px 4px rgb(0, 150,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0674, 0.2102, 0.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 179) }
```

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

```
.background{ background-color: rgb(0, 150,  
179) }
```

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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