

Converting Colors

$Yxy(23.5139, 0.1659, 0.2750)$

Have a look what the booklet for
Yxy(23.5139, 0.1659, 0.2750)
contains.

Yxy(26.4886, 0.2110, 0.2794)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.4886, 0.2110, 0.2794)

Conversions

Conversions Part 1

Format	Color
Hex	019AB6
RGB	1, 154, 182
RGB Percent	0%, 60%, 71%
CMY	0.9977, 0.3961, 0.2863
CMYK	1.00, 0.15, 0.00, 0.29
HSL	189°, 99%, 36%
HSV	189°, 100%, 71%
XYZ	20.0039, 26.4886, 48.3128
YIQ	111.4450, -100.1760, -23.7280

Conversions

Conversions Part 2

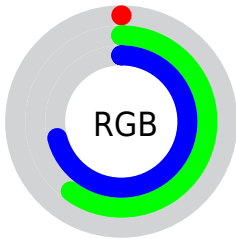
Format	Color
RYB	1, 84, 182
Decimal	105142
CIELab	58.50, -23.70, -24.10
CIElCh	58, 33.799, 225.483
Yxy	26.4886, 0.2110, 0.2794
Android (android.graphics.Color)	4278295222 (0xFF019AB6)
YUV	111.4450, 34.7836, -96.8603
Hunter-Lab	51.4671, -20.6891, -19.6293

Details

The Yxy color **26.4886, 0.2110, 0.2794** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **10.8048, 0.6243, 0.3420**, and the grayscale version is **15.9112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2608, 0.2310, 0.2911**, and **11.2855, 0.2070, 0.2650** is the 20% darker color. If you saturate the color by 10%, you get **26.4561, 0.2109, 0.2792**, and if you desaturate by 10%, it is **27.5603, 0.2142, 0.2848**.

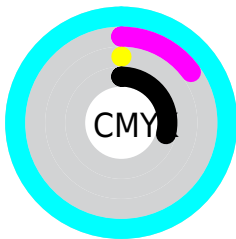
Distribution



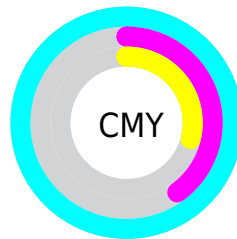
- Red (0%)
- Green (60%)
- Blue (71%)



- Red (0%)
- Yellow (33%)
- Blue (71%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (29%)





- Cyan (100%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4886, 0.2110, 0.2794 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 26.4886, 0.2110, 0.2794 by changing the saturation by 10% instead.


 26.4886, 0.2110,
0.2794


 26.4886, 0.2110,
0.2794


285.1724, 0.2642,
0.3078


 17.1895, 0.1972,
0.2711


 54.0621, 0.2308,
0.2906

 10.3697, 0.1794,
0.2597


 73.1054, 0.2381,
0.2945

 5.6448, 0.1557,
0.2433

 96.1655, 0.2442,
0.2978

 2.6303, 0.1231,
0.2181

 123.6268, 0.2494,
0.3005

 0.9419, 0.0604,
0.1801

 155.8738, 0.2539,
0.3027

 0.0000, 0.0000,
0.0000

 193.2908, 0.2578,

0.3047

236.2622, 0.2612,
0.3063

■ 26.4886, 0.2110,
0.2794

■ 26.4886, 0.2110,
0.2794

■ 26.4561, 0.2109,
0.2792

■ 27.5603, 0.2142,
0.2848

■ 28.7772, 0.2189,
0.2902

■ 30.1837, 0.2256,
0.2957

■ 31.8021, 0.2340,
0.3011

■ 33.6510, 0.2443,
0.3064

■ 35.7472, 0.2561,
0.3116

■ 38.1055, 0.2692,
0.3164

■ 40.7396, 0.2832,
0.3210

■ 43.6621, 0.2980,
0.3252

Harmonies

Analogous

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



26.4886, 0.2280, 0.3306



26.4886, 0.2110, 0.2794



26.4886, 0.2178, 0.2483

Triad

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



26.4886, 0.2110, 0.2794



26.4886, 0.3542, 0.2785



26.4886, 0.3752, 0.4300

Complementary

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



26.4886, 0.2110, 0.2794



10.8048, 0.6243, 0.3420

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.



26.4886, 0.4147, 0.4035



26.4886, 0.2110, 0.2794



26.4886, 0.4038, 0.3179

Square

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



26.4886, 0.2110, 0.2794



26.4886, 0.2959, 0.2506



26.4886, 0.4263, 0.3622



26.4886, 0.3211, 0.4269

Rectangle

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



26.4886, 0.2110, 0.2794



26.4886, 0.2350, 0.2399



26.4886, 0.4263, 0.3622



26.4886, 0.3907, 0.4238

Sweetspot

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



26.4895, 0.2110, 0.2794



68.7143, 0.2680, 0.3160



33.5416, 0.2964, 0.5869



14.7705, 0.2624, 0.3140



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



26.4895, 0.2110, 0.2794



47.6823, 0.2107, 0.2783



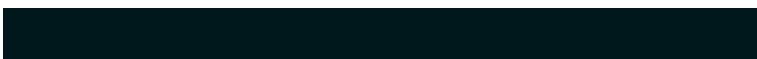
7.0566, 0.1648, 0.1131



9.9681, 0.2985, 0.3254



18.7623, 0.2111, 0.2799



0.7259, 0.2149, 0.2938

Inverse Universe

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



12.2903, 0.3640, 0.1780



22.2258, 0.3650, 0.1784



23.0216, 0.4972, 0.4431



9.1383, 0.3160, 0.3099



8.6764, 0.3636, 0.1777



0.3124, 0.3509, 0.1707

Previews

White Background



This preview shows how the Yxy color 26.4886, 0.2110, 0.2794 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 26.4886, 0.2110, 0.2794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

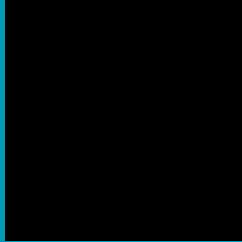
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4886, 0.2110, 0.2794

Background



This preview shows how black text looks on a background with the Yxy color 26.4886, 0.2110, 0.2794.

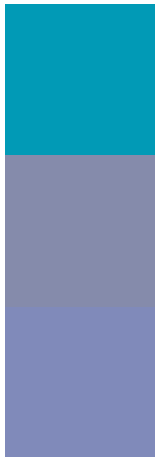


This preview shows how white text looks on a background with the Yxy color 26.4886, 0.2110, 0.2794.

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

26.4951, 0.2110, 0.2794

Protanopia

26.3921, 0.2767, 0.2781

Deuteranopia

26.3113, 0.2600, 0.2548



Tritanopia

26.6041, 0.2185, 0.3067

Trichromacy



Original Color

26.4951, 0.2110, 0.2794



Protanomaly

24.9730, 0.2366, 0.2754



Deuteranomaly

25.2431, 0.2288, 0.2601



Tritanomaly

26.4598, 0.2156, 0.2961

Monochromacy



Original Color

26.4951, 0.2110, 0.2794



Achromatopsia

15.8961, 0.3127, 0.3290



Achromatomaly

18.3245, 0.2473, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4886, 0.2110, 0.2794 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(1, 154, 182)` looks like.

```
.text, #text, p{  
    color:rgb(1, 154, 182)  
}
```

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(1, 154, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 154, 182) }
```

Border

The CSS property to change the border of an element to Yxy 26.4886, 0.2110, 0.2794 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(1, 154, 182) }
```

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

```
.border{ border-color:rgb(1, 154, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 154, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 154, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 154, 182);  
box-shadow:4px 4px 4px 4px rgb(1, 154,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4886, 0.2110, 0.2794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 154, 182) }
```

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

```
.background{ background-color: rgb(1, 154,  
182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor