

Converting Colors

$Yxy(20.7211, 0.1111, 0.2658)$

Have a look what the booklet for
Yxy(20.7211, 0.1111, 0.2658)
contains.

Yxy(26.5301, 0.2105, 0.2778)	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(26.5301, 0.2105, 0.2778)

Conversions

Conversions Part 1

Format	Color
Hex	009AB7
RGB	0, 154, 183
RGB Percent	0%, 60%, 72%
CMY	1.0000, 0.3961, 0.2823
CMYK	1.00, 0.16, 0.00, 0.28
HSL	190°, 100%, 36%
HSV	190°, 100%, 72%
XYZ	20.1029, 26.5301, 48.8677
YIQ	111.2600, -101.0930, -23.6290

Conversions

Conversions Part 2

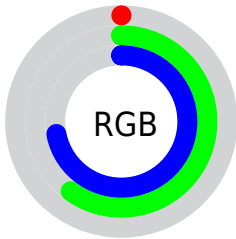
Format	Color
RYB	0, 84, 183
Decimal	39607
CIELab	58.54, -23.38, -24.61
CIELCh	59, 33.945, 226.480
Yxy	26.5301, 0.2105, 0.2778
Android (android.graphics.Color)	4278229687 (0xFF009AB7)
YUV	111.2600, 35.3678, -97.5750
Hunter-Lab	51.5074, -20.4708, -20.1963

Details

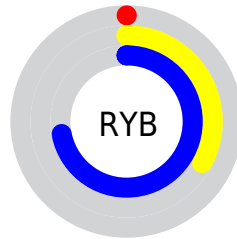
The Yxy color **26.5301, 0.2105, 0.2778** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **10.9482, 0.6245, 0.3423**, and the grayscale version is **15.8939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3197, 0.2306, 0.2899**, and **11.3122, 0.2064, 0.2629** is the 20% darker color. If you saturate the color by 10%, you get **26.5315, 0.2105, 0.2778**, and if you desaturate by 10%, it is **27.6323, 0.2137, 0.2834**.

Distribution



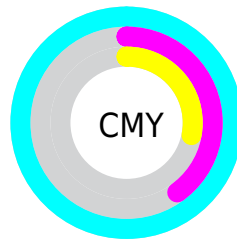
- Red (0%)
- Green (60%)
- Blue (72%)



- Red (0%)
- Yellow (33%)
- Blue (72%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (40%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5301, 0.2105, 0.2778 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 26.5301, 0.2105, 0.2778 by changing the saturation by 10% instead.

■ 26.5301, 0.2105,
0.2778

■ 26.5301, 0.2105,
0.2778

■ 285.3747, 0.2639,
0.3070

■ 17.2206, 0.1967,
0.2693

■ 54.1289, 0.2303,
0.2893

■ 10.3919, 0.1788,
0.2576

■ 73.1870, 0.2377,
0.2934

■ 5.6596, 0.1551,
0.2409

■ 96.2635, 0.2438,
0.2967

■ 2.6392, 0.1226,
0.2154

■ 123.7427, 0.2490,
0.2994

■ 0.9464, 0.0612,
0.1768

■ 156.0090, 0.2535,
0.3018

■ 0.0000, 0.0000,
0.0000

■ 193.4468, 0.2574,

0.3038

236.4406, 0.2609,
0.3055

■ 26.5301, 0.2105,
0.2778

■ 26.5301, 0.2105,
0.2778

■ 26.5315, 0.2105,
0.2778

■ 27.6323, 0.2137,
0.2834

■ 28.8794, 0.2185,
0.2890

■ 30.3190, 0.2251,
0.2946

■ 31.9736, 0.2335,
0.3002

■ 33.8626, 0.2438,
0.3056

■ 36.0027, 0.2556,
0.3109

■ 38.4091, 0.2687,
0.3159

■ 41.0959, 0.2828,
0.3206

■ 44.0757, 0.2975,
0.3250

Harmonies

Analogous

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



26.5301, 0.2268, 0.3287



26.5301, 0.2105, 0.2778



26.5301, 0.2181, 0.2473

Triad

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



26.5301, 0.2105, 0.2778



26.5301, 0.3562, 0.2795



26.5301, 0.3738, 0.4309

Complementary

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



26.5301, 0.2105, 0.2778



10.9482, 0.6245, 0.3423

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.



26.5301, 0.4141, 0.4049



26.5301, 0.2105, 0.2778



26.5301, 0.4054, 0.3193

Square

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



26.5301, 0.2105, 0.2778



26.5301, 0.2977, 0.2510



26.5301, 0.4269, 0.3638



26.5301, 0.3192, 0.4265

Rectangle

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



26.5301, 0.2105, 0.2778



26.5301, 0.2359, 0.2395



26.5301, 0.4269, 0.3638



26.5301, 0.3895, 0.4249

Sweetspot

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



26.5315, 0.2105, 0.2778



68.5540, 0.2680, 0.3157



33.9537, 0.2965, 0.5874



14.7305, 0.2624, 0.3136



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.



26.5315, 0.2105, 0.2778



47.2272, 0.2103, 0.2769



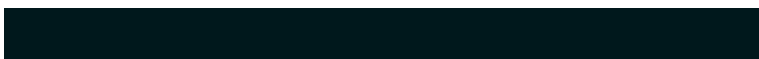
7.0924, 0.1646, 0.1124



9.9616, 0.2985, 0.3253



18.5889, 0.2107, 0.2785



0.7211, 0.2147, 0.2928

Inverse Universe

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



12.4021, 0.3655, 0.1787



22.1798, 0.3663, 0.1792



23.2527, 0.4977, 0.4430



9.1376, 0.3161, 0.3100



8.6589, 0.3649, 0.1784



0.3119, 0.3518, 0.1712

Previews

White Background



This preview shows how the Yxy color 26.5301, 0.2105, 0.2778 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 26.5301, 0.2105, 0.2778 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 26.5301, 0.2105, 0.2778

Background



This preview shows how black text looks on a background with the Yxy color 26.5301, 0.2105, 0.2778.

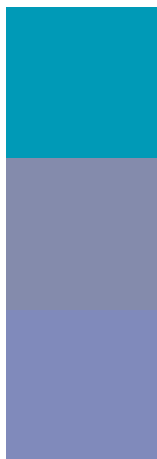


This preview shows how white text looks on a background with the Yxy color 26.5301, 0.2105, 0.2778.

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

26.5301, 0.2105, 0.2778

Protanopia

26.3493, 0.2749, 0.2765

Deuteranopia

26.3540, 0.2592, 0.2534



Tritanopia

26.6041, 0.2185, 0.3067

Trichromacy



Original Color

26.5301, 0.2105, 0.2778



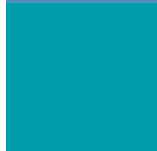
Protanomaly

24.9659, 0.2354, 0.2738



Deuteranomaly

25.2410, 0.2277, 0.2585



Tritanomaly

26.4598, 0.2156, 0.2961

Monochromacy



Original Color

26.5301, 0.2105, 0.2778



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 26.5301, 0.2105, 0.2778 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, 154, 183)` looks like.

```
.text, #text, p{  
    color:rgb(0, 154, 183)  
}
```

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, 154, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 154, 183) }
```

Border

The CSS property to change the border of an element to Yxy 26.5301, 0.2105, 0.2778 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, 154, 183) }
```

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

```
.border{ border-color:rgb(0, 154, 183) }
```

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

Here you see how a box with a 4 pixel rgb(0, 154, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 154, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 154, 183);  
box-shadow:4px 4px 4px 4px rgb(0, 154,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5301, 0.2105, 0.2778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 154, 183) }
```

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

```
.background{ background-color: rgb(0, 154,  
183) }
```

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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