

Converting Colors

$Yxy(25.6285, 0.1943, 0.2821)$

Have a look what the booklet for
Yxy(25.6285, 0.1943, 0.2821)
contains.

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Color

Yxy(26.7789, 0.2119, 0.2829)

Conversions

Conversions Part 1

Format	Color
Hex	009BB5
RGB	0, 155, 181
RGB Percent	0%, 61%, 71%
CMY	1.0000, 0.3921, 0.2902
CMYK	1.00, 0.14, 0.00, 0.29
HSL	189°, 100%, 35%
HSV	189°, 100%, 71%
XYZ	20.0581, 26.7789, 47.8215
YIQ	111.6190, -100.7260, -24.7740

Conversions

Conversions Part 2

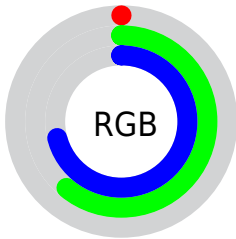
Format	Color
RYB	0, 83, 181
Decimal	39861
CIELab	58.77, -24.60, -23.11
CIElCh	59, 33.753, 223.219
Yxy	26.7789, 0.2119, 0.2829
Android (android.graphics.Color)	4278229941 (0xFF009BB5)
YUV	111.6190, 34.2048, -97.8899
Hunter-Lab	51.7483, -21.3713, -18.5670

Details

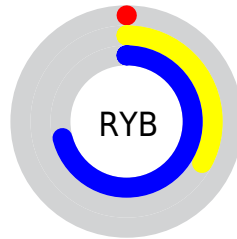
The Yxy color **26.7789, 0.2119, 0.2829** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10.5604, 0.6266, 0.3407**, and the grayscale version is **16.0075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6944, 0.2317, 0.2937**, and **11.2590, 0.2076, 0.2672** is the 20% darker color. If you saturate the color by 10%, you get **26.7815, 0.2119, 0.2829**, and if you desaturate by 10%, it is **27.7853, 0.2150, 0.2879**.

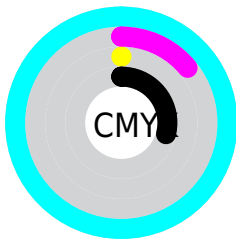
Distribution



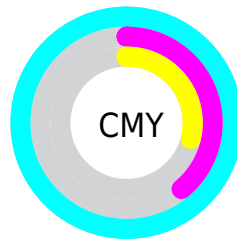
- Red (0%)
- Green (61%)
- Blue (71%)



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



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (29%)




- Cyan (100%)
- Magenta (39%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7789, 0.2119, 0.2829 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 26.7789, 0.2119, 0.2829 by changing the saturation by 10% instead.


 26.7789, 0.2119,
0.2829


 26.7789, 0.2119,
0.2829


 286.5850, 0.2646,
0.3094


 17.4072, 0.1983,
0.2751


 54.5289, 0.2315,
0.2934


 10.5253, 0.1806,
0.2643


 73.6760, 0.2387,
0.2971


 5.7486, 0.1570,
0.2487

 96.8503, 0.2448,
0.3001


 2.6928, 0.1247,
0.2246

 124.4364, 0.2499,
0.3026

 0.9735, 0.0622,
0.1881

 156.8184, 0.2544,
0.3047

 0.0000, 0.0000,
0.0000

 194.3810, 0.2582,

0.3065

237.5084, 0.2616,
0.3081

■ 26.7789, 0.2119,
0.2829

■ 26.7789, 0.2119,
0.2829

■ 26.7815, 0.2119,
0.2829

■ 27.7853, 0.2150,
0.2879

■ 28.9272, 0.2195,
0.2929

■ 30.2529, 0.2259,
0.2980

■ 31.7840, 0.2342,
0.3030

■ 33.5393, 0.2443,
0.3079

■ 35.5352, 0.2559,
0.3127

■ 37.7863, 0.2688,
0.3172

■ 40.3063, 0.2828,
0.3214

■ 43.1075, 0.2976,
0.3254

Harmonies

Analogous

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



26.7789, 0.2306, 0.3350



26.7789, 0.2119, 0.2829



26.7789, 0.2169, 0.2502

Triad

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



26.7789, 0.2119, 0.2829



26.7789, 0.3496, 0.2762



26.7789, 0.3786, 0.4284

Complementary

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



26.7789, 0.2119, 0.2829



10.5604, 0.6266, 0.3407

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.



26.7789, 0.4162, 0.4004



26.7789, 0.2119, 0.2829



26.7789, 0.4004, 0.3148

Square

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



26.7789, 0.2119, 0.2829



26.7789, 0.2919, 0.2495



26.7789, 0.4252, 0.3588



26.7789, 0.3253, 0.4279

Rectangle

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



26.7789, 0.2119, 0.2829



26.7789, 0.2329, 0.2408



26.7789, 0.4252, 0.3588



26.7789, 0.3936, 0.4215

Sweetspot

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



26.7815, 0.2119, 0.2829



67.4700, 0.2682, 0.3170



33.1099, 0.2970, 0.5893



14.2112, 0.2627, 0.3151



91.1408, 0.3127, 0.3290



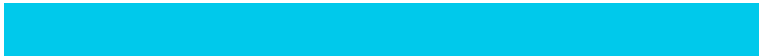
17.8868, 0.3127, 0.3290

Same Dimension

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



26.7815, 0.2119, 0.2829



47.7131, 0.2117, 0.2821



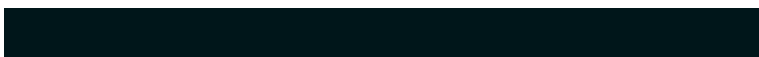
7.2747, 0.1659, 0.1170



9.4195, 0.2986, 0.3256



18.5426, 0.2121, 0.2835



0.6401, 0.2160, 0.2974

Inverse Universe

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



12.1893, 0.3608, 0.1761



21.8076, 0.3615, 0.1765



21.9990, 0.5022, 0.4394



8.6253, 0.3159, 0.3097



8.4120, 0.3602, 0.1758



0.2704, 0.3477, 0.1689

Previews

White Background



This preview shows how the Yxy color 26.7789, 0.2119, 0.2829 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 26.7789, 0.2119, 0.2829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

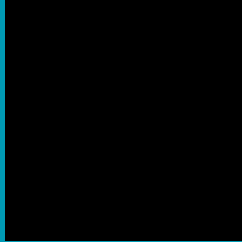
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7789, 0.2119, 0.2829

Background



This preview shows how black text looks on a background with the Yxy color 26.7789, 0.2119, 0.2829.



This preview shows how white text looks on a background with the Yxy color 26.7789, 0.2119, 0.2829.

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

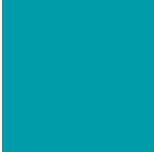
26.7789, 0.2119, 0.2829

Protanopia

26.4358, 0.2785, 0.2797

Deuteranopia

26.4256, 0.2625, 0.2564



Tritanopia

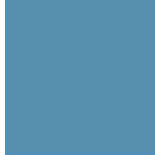
26.6415, 0.2180, 0.3049

Trichromacy



Original Color

26.7789, 0.2119, 0.2829



Protanomaly

25.2381, 0.2376, 0.2788



Deuteranomaly

25.2462, 0.2300, 0.2616



Tritanomaly

26.7941, 0.2161, 0.2980

Monochromacy



Original Color

26.7789, 0.2119, 0.2829



Achromatopsia

16.2029, 0.3127, 0.3290



Achromatomaly

18.5841, 0.2477, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7789, 0.2119, 0.2829 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, 155, 181)` looks like.

```
.text, #text, p{  
    color:rgb(0, 155, 181)  
}
```

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, 155, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 155, 181) }
```

Border

The CSS property to change the border of an element to Yxy 26.7789, 0.2119, 0.2829 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, 155, 181) }
```

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

```
.border{ border-color:rgb(0, 155, 181) }
```

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

Here you see how a box with a 4 pixel rgb(0, 155, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 155, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 155, 181);  
box-shadow:4px 4px 4px 4px rgb(0, 155,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7789, 0.2119, 0.2829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 155, 181) }
```

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

```
.background{ background-color: rgb(0, 155,  
181) }
```

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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