

Converting Colors

$Yxy(25.8998, 0.2198, 0.3403)$

Have a look what the booklet for
Yxy(25.8998, 0.2198, 0.3403)
contains.

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Color

Yxy(26.3483, 0.2279, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	009D97
RGB	0, 157, 151
RGB Percent	0%, 62%, 59%
CMY	0.9987, 0.3843, 0.4078
CMYK	1.00, 0.00, 0.04, 0.38
HSL	178°, 100%, 31%
HSV	178°, 100%, 62%
XYZ	17.6455, 26.3483, 33.4328
YIQ	109.3730, -91.6460, -35.1500

Conversions

Conversions Part 2

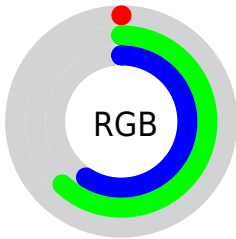
Format	Color
RYB	0, 80, 157
Decimal	40343
CIELab	58.37, -35.31, -6.71
CIELCh	58, 35.941, 190.760
Yxy	26.3483, 0.2279, 0.3403
Android (android.graphics.Color)	4278230423 (0xFF009D97)
YUV	109.3730, 20.5221, -95.9201
Hunter-Lab	51.3306, -28.4669, -2.6856

Details

The Yxy color **26.3483, 0.2279, 0.3403** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **7.1887, 0.6347, 0.3273**, and the grayscale version is **15.3930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7189, 0.2450, 0.3385**, and **11.0233, 0.2285, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **26.3468, 0.2279, 0.3403**, and if you desaturate by 10%, it is **26.4772, 0.2293, 0.3391**.

Distribution



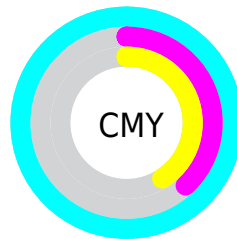
- Red (0%)
- Green (62%)
- Blue (59%)



- Red (0%)
- Yellow (31%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (38%)




- Cyan (100%)
- Magenta (38%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3483, 0.2279, 0.3403 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 26.3483, 0.2279, 0.3403 by changing the saturation by 10% instead.

 26.3483, 0.2279,
0.3403


 26.3483, 0.2279,
0.3403


284.4877, 0.2733,
0.3352


 17.0844, 0.2156,
0.3413


 53.8363, 0.2451,
0.3386

 10.2947, 0.1993,
0.3422


 72.8292, 0.2514,
0.3380


 5.5948, 0.1767,
0.3429

 95.8339, 0.2566,
0.3373

 2.6003, 0.1437,
0.3422

 123.2347, 0.2609,
0.3368

 0.9268, 0.0073,
0.3679

 155.4161, 0.2647,
0.3363

 0.0000, 0.0000,
0.0000

 192.7625, 0.2680,

0.3359

235.6582, 0.2708,
0.3355

■ 26.3483, 0.2279,
0.3403

■ 26.3483, 0.2279,
0.3403

■ 26.3468, 0.2279,
0.3403

■ 26.4772, 0.2293,
0.3391

■ 26.6891, 0.2320,
0.3379

■ 27.0207, 0.2365,
0.3366

■ 27.4870, 0.2428,
0.3354

■ 28.1009, 0.2509,
0.3342

■ 28.8737, 0.2608,
0.3330

■ 29.8158, 0.2722,
0.3319

■ 30.9365, 0.2848,
0.3309

■ 32.2446, 0.2986,
0.3299

Harmonies

Analogous

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



26.3483, 0.2725, 0.4010



26.3483, 0.2279, 0.3403



26.3483, 0.2063, 0.2832

Triad

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



26.3483, 0.2279, 0.3403



26.3483, 0.2855, 0.2430



26.3483, 0.4251, 0.4012

Complementary

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



26.3483, 0.2279, 0.3403



7.1887, 0.6347, 0.3273

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.



26.3483, 0.4323, 0.3562



26.3483, 0.2279, 0.3403



26.3483, 0.3470, 0.2699

Square

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



26.3483, 0.2279, 0.3403



26.3483, 0.2369, 0.2342



26.3483, 0.4030, 0.3099



26.3483, 0.3868, 0.4336

Rectangle

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



26.3483, 0.2279, 0.3403



26.3483, 0.2057, 0.2563



26.3483, 0.4030, 0.3099



26.3483, 0.4315, 0.3869

Sweetspot

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



26.3493, 0.2279, 0.3403



53.2556, 0.2712, 0.3320



24.1662, 0.3013, 0.5988



11.5678, 0.2667, 0.3324



78.7412, 0.3127, 0.3290



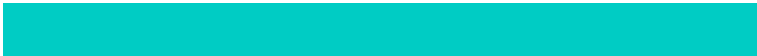
13.2868, 0.3127, 0.3290

Same Dimension

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



26.3493, 0.2279, 0.3403



47.1799, 0.2279, 0.3406



9.1713, 0.1826, 0.1771



7.5051, 0.2993, 0.3298



21.4006, 0.2278, 0.3402



0.3839, 0.2265, 0.3353

Inverse Universe

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



7.1887, 0.6347, 0.3273



12.8545, 0.6365, 0.3280



11.6532, 0.5529, 0.3990



6.6501, 0.3278, 0.3282



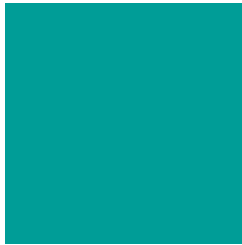
5.8338, 0.6346, 0.3269



0.1054, 0.6090, 0.3128

Previews

White Background



This preview shows how the Yxy color 26.3483, 0.2279, 0.3403 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 26.3483, 0.2279, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

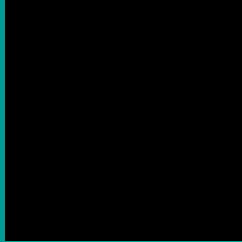
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3483, 0.2279, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 26.3483, 0.2279, 0.3403.



This preview shows how white text looks on a background with the Yxy color 26.3483, 0.2279, 0.3403.

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

26.3483, 0.2279, 0.3403

Protanopia

26.1095, 0.3150, 0.3274

Deuteranopia

26.1196, 0.3034, 0.2973



Tritanopia

26.5728, 0.2235, 0.3069

Trichromacy



Original Color

26.3483, 0.2279, 0.3403



Protanomaly

24.7450, 0.2625, 0.3326



Deuteranomaly

24.6068, 0.2566, 0.3108



Tritanomaly

26.5207, 0.2247, 0.3194

Monochromacy



Original Color

26.3483, 0.2279, 0.3403



Achromatopsia

15.2926, 0.3127, 0.3290



Achromatomaly

17.6422, 0.2559, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3483, 0.2279, 0.3403 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, 157, 151)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 151)  
}
```

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, 157, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 151) }
```

Border

The CSS property to change the border of an element to Yxy 26.3483, 0.2279, 0.3403 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, 157, 151) }
```

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

```
.border{ border-color:rgb(0, 157, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 157, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 151);  
box-shadow:4px 4px 4px 4px rgb(0, 157,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3483, 0.2279, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 151) }
```

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

```
.background{ background-color: rgb(0, 157,  
151) }
```

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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