

Converting Colors

$Yxy(26.0088, 0.2289, 0.3307)$

Have a look what the booklet for
Yxy(26.0088, 0.2289, 0.3307)
contains.

Yxy(26.0088, 0.2289, 0.3307)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.0088, 0.2289, 0.3307)

Conversions

Conversions Part 1

Format	Color
Hex	1B9B9A
RGB	27, 155, 154
RGB Percent	11%, 61%, 60%
CMY	0.8946, 0.3921, 0.3961
CMYK	0.83, 0.00, 0.01, 0.39
HSL	180°, 70%, 36%
HSV	180°, 83%, 61%
XYZ	18.0025, 26.0088, 34.6365
YIQ	116.6140, -75.9670, -27.4470

Conversions

Conversions Part 2

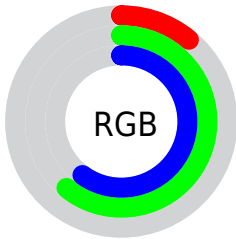
Format	Color
R_{YB}	27, 91, 155
Decimal	1809306
CIE _{Lab}	58.05, -32.02, -8.86
CIE _{LCh}	58, 33.220, 195.474
Yxy	26.0088, 0.2289, 0.3307
Android (android.graphics.Color)	4279999386 (0xFF1B9B9A)
YUV	116.6140, 18.4313, -78.5915
Hunter-Lab	50.9988, -26.2379, -4.5683

Details

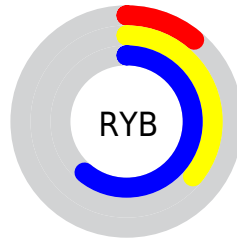
The Yxy color **26.0088, 0.2289, 0.3307** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **7.8312, 0.5929, 0.3289**, and the grayscale version is **17.6127, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2999, 0.2462, 0.3316**, and **10.6798, 0.2247, 0.3287** is the 20% darker color. If you saturate the color by 10%, you get **25.8480, 0.2265, 0.3309**, and if you desaturate by 10%, it is **26.2828, 0.2330, 0.3305**.

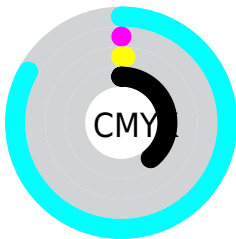
Distribution



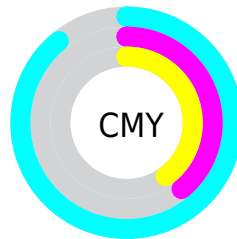
- Red (11%)
- Green (61%)
- Blue (60%)



- Red (11%)
- Yellow (36%)
- Blue (61%)



- Cyan (83%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)





- Cyan (89%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0088, 0.2289, 0.3307 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 26.0088, 0.2289, 0.3307 by changing the saturation by 10% instead.


 26.0088, 0.2289,
0.3307


 26.0088, 0.2289,
0.3307


 282.8253, 0.2737,
0.3310


 16.8302, 0.2168,
0.3301


 53.2891, 0.2459,
0.3311


 10.1135, 0.2006,
0.3289


 72.1597, 0.2521,
0.3312


 5.4743, 0.1783,
0.3265

 95.0297, 0.2572,
0.3312

 2.5281, 0.1458,
0.3211

 122.2836, 0.2615,
0.3312

 0.8907, 0.0242,
0.3311

 154.3056, 0.2652,
0.3311

 0.0000, 0.0000,
0.0000

 191.4804, 0.2685,

0.3311

234.1921, 0.2713,
0.3310

■ 26.0088, 0.2289,
0.3307

■ 26.0088, 0.2289,
0.3307

■ 25.8480, 0.2265,
0.3309

■ 26.2828, 0.2330,
0.3305

■ 25.7712, 0.2253,
0.3311

■ 26.6827, 0.2390,
0.3302

■ 27.2223, 0.2468,
0.3300

■ 27.9130, 0.2564,
0.3298

■ 28.7652, 0.2676,
0.3296

■ 29.7881, 0.2803,
0.3294

■ 30.9904, 0.2940,
0.3292

■ 32.3801, 0.3087,
0.3290

■ 33.9647, 0.3240,
0.3289

Harmonies

Analogous

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



26.0088, 0.2678, 0.3875



26.0088, 0.2289, 0.3307



26.0088, 0.2120, 0.2800

Triad

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



26.0088, 0.2289, 0.3307



26.0088, 0.2961, 0.2514



26.0088, 0.4136, 0.4028

Complementary

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



26.0088, 0.2289, 0.3307



7.8312, 0.5929, 0.3289

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.



26.0088, 0.4250, 0.3620



26.0088, 0.2289, 0.3307



26.0088, 0.3537, 0.2790

Square

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



26.0088, 0.2289, 0.3307



26.0088, 0.2479, 0.2402



26.0088, 0.4028, 0.3181



26.0088, 0.3747, 0.4289

Rectangle

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



26.0088, 0.2289, 0.3307



26.0088, 0.2139, 0.2569



26.0088, 0.4028, 0.3181



26.0088, 0.4210, 0.3901

Sweetspot

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



26.0098, 0.2289, 0.3307



52.7904, 0.2766, 0.3294



23.7858, 0.3018, 0.5776



11.8120, 0.2724, 0.3295



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.



26.0098, 0.2289, 0.3307



46.1598, 0.2254, 0.3311



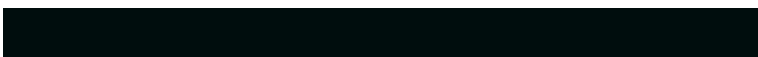
10.4410, 0.1933, 0.1962



7.0257, 0.2990, 0.3291



20.6972, 0.2253, 0.3311



0.3097, 0.2250, 0.3300

Inverse Universe

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



7.8312, 0.5929, 0.3289



12.5316, 0.6377, 0.3296



14.1611, 0.5038, 0.4130



6.2234, 0.3282, 0.3289



5.5996, 0.6389, 0.3293



0.0839, 0.6330, 0.3261

Previews

White Background



This preview shows how the Yxy color 26.0088, 0.2289, 0.3307 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 26.0088, 0.2289, 0.3307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

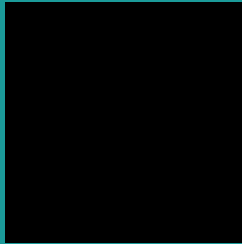
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0088, 0.2289, 0.3307

Background



This preview shows how black text looks on a background with the Yxy color 26.0088, 0.2289, 0.3307.

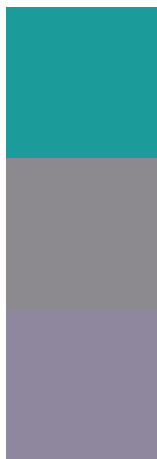


This preview shows how white text looks on a background with the Yxy color 26.0088, 0.2289, 0.3307.

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

26.0088, 0.2289, 0.3307

Protanopia

25.7356, 0.3098, 0.3207

Deuteranopia

25.6362, 0.2983, 0.2923



Tritanopia

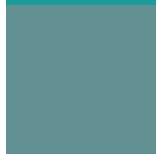
25.9477, 0.2241, 0.3049

Trichromacy



Original Color

26.0088, 0.2289, 0.3307



Protanomaly

24.7058, 0.2669, 0.3234



Deuteranomaly

24.5470, 0.2602, 0.3023



Tritanomaly

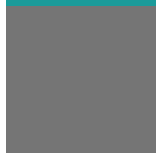
26.0599, 0.2257, 0.3139

Monochromacy



Original Color

26.0088, 0.2289, 0.3307



Achromatopsia

17.7888, 0.3127, 0.3290



Achromatomaly

19.7291, 0.2650, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0088, 0.2289, 0.3307 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(27, 155, 154)` looks like.

```
.text, #text, p{  
    color:rgb(27, 155, 154)  
}
```

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(27, 155, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 155, 154) }
```

Border

The CSS property to change the border of an element to Yxy 26.0088, 0.2289, 0.3307 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(27, 155, 154) }
```

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

```
.border{ border-color:rgb(27, 155, 154) }
```

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

Here you see how a box with a 4 pixel rgb(27, 155, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 155, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 155, 154);  
box-shadow:4px 4px 4px 4px rgb(27, 155,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0088, 0.2289, 0.3307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 155, 154) }
```

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

```
.background{ background-color: rgb(27, 155,  
154) }
```

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