

Converting Colors

$Yxy(26.7957, 0.2290, 0.3271)$

Have a look what the booklet for
Yxy(26.7957, 0.2290, 0.3271)
contains.

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Color

Yxy(26.8896, 0.2288, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	209D9E
RGB	32, 157, 158
RGB Percent	13%, 62%, 62%
CMY	0.8751, 0.3843, 0.3804
CMYK	0.80, 0.01, 0.00, 0.38
HSL	180°, 66%, 37%
HSV	180°, 80%, 62%
XYZ	18.8203, 26.8896, 36.5465
YIQ	119.7390, -74.8210, -26.1890

Conversions

Conversions Part 2

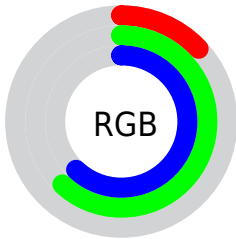
Format	Color
R_{YB}	32, 95, 158
Decimal	2137502
CIE _{Lab}	58.87, -31.30, -9.90
CIE _{LCh}	59, 32.825, 197.559
Yxy	26.8896, 0.2288, 0.3269
Android (android.graphics.Color)	4280327582 (0xFF209D9E)
YUV	119.7390, 18.8627, -76.9471
Hunter-Lab	51.8552, -25.9620, -5.4878

Details

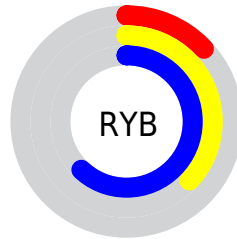
The Yxy color **26.8896, 0.2288, 0.3269** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8.4509, 0.5831, 0.3308**, and the grayscale version is **18.6369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7158, 0.2456, 0.3274**, and **11.1647, 0.2232, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **26.6546, 0.2258, 0.3266**, and if you desaturate by 10%, it is **27.2478, 0.2336, 0.3272**.

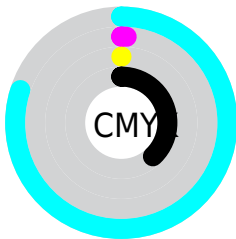
Distribution



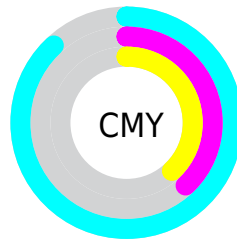
- Red (13%)
- Green (62%)
- Blue (62%)



- Red (13%)
- Yellow (37%)
- Blue (62%)



- Cyan (80%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)





- Cyan (88%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8896, 0.2288, 0.3269 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 26.8896, 0.2288, 0.3269 by changing the saturation by 10% instead.

 26.8896, 0.2288,
0.3269


 26.8896, 0.2288,
0.3269


287.1222, 0.2734,
0.3293


 17.4903, 0.2168,
0.3257


 54.7067, 0.2456,
0.3282


 10.5847, 0.2010,
0.3238


 73.8932, 0.2518,
0.3285

 5.7883, 0.1793,
0.3203

 97.1110, 0.2569,
0.3287

 2.7168, 0.1478,
0.3133

 124.7445, 0.2612,
0.3289

 0.9857, 0.0537,
0.3122

 157.1779, 0.2649,
0.3291

 0.0000, 0.0000,
0.0000

 194.7957, 0.2681,

0.3291

237.9824, 0.2709,
0.3292

■ 26.8896, 0.2288,
0.3269

■ 26.8896, 0.2288,
0.3269

■ 26.6546, 0.2258,
0.3266

■ 27.2478, 0.2336,
0.3272

■ 26.5037, 0.2240,
0.3264

■ 27.7415, 0.2402,
0.3274

■ 26.5015, 0.2240,
0.3264

■ 28.3849, 0.2487,
0.3277

■ 29.1895, 0.2589,
0.3280

■ 30.1658, 0.2706,
0.3283

■ 31.3234, 0.2838,
0.3285

■ 32.6711, 0.2980,
0.3288

■ 34.2171, 0.3129,
0.3290

■ 35.9693, 0.3285,
0.3292

Harmonies

Analogous

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



26.8896, 0.2657, 0.3826



26.8896, 0.2288, 0.3269



26.8896, 0.2138, 0.2784

Triad

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



26.8896, 0.2288, 0.3269



26.8896, 0.3003, 0.2543



26.8896, 0.4095, 0.4037

Complementary

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



26.8896, 0.2288, 0.3269



8.4509, 0.5831, 0.3308

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.



26.8896, 0.4228, 0.3645



26.8896, 0.2288, 0.3269



26.8896, 0.3567, 0.2824

Square

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



26.8896, 0.2288, 0.3269



26.8896, 0.2520, 0.2422



26.8896, 0.4032, 0.3214



26.8896, 0.3701, 0.4275

Rectangle

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



26.8896, 0.2288, 0.3269



26.8896, 0.2167, 0.2567



26.8896, 0.4032, 0.3214



26.8896, 0.4174, 0.3917

Sweetspot

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



26.8906, 0.2288, 0.3269



55.8687, 0.2775, 0.3284



24.8623, 0.3013, 0.5728



12.4392, 0.2732, 0.3283



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



26.8906, 0.2288, 0.3269



48.1948, 0.2245, 0.3264



10.9431, 0.1948, 0.1965



7.5005, 0.2988, 0.3288



21.2273, 0.2240, 0.3264



0.3821, 0.2243, 0.3274

Inverse Universe

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



10.7283, 0.3219, 0.1668



17.7874, 0.3228, 0.1564



15.5426, 0.4936, 0.4159



6.7537, 0.3139, 0.3071



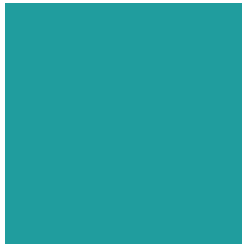
7.7651, 0.3228, 0.1552



0.1391, 0.3220, 0.1548

Previews

White Background



This preview shows how the Yxy color 26.8896, 0.2288, 0.3269 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 26.8896, 0.2288, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

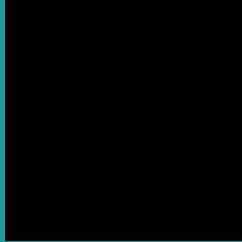
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8896, 0.2288, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 26.8896, 0.2288, 0.3269.



This preview shows how white text looks on a background with the Yxy color 26.8896, 0.2288, 0.3269.

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

26.8896, 0.2288, 0.3269

Protanopia

26.5255, 0.3068, 0.3176

Deuteranopia

26.4292, 0.2955, 0.2896



Tritanopia

26.7413, 0.2249, 0.3052

Trichromacy



Original Color

26.8896, 0.2288, 0.3269



Protanomaly

25.5588, 0.2658, 0.3200



Deuteranomaly

25.4033, 0.2592, 0.2993



Tritanomaly

26.8693, 0.2267, 0.3141

Monochromacy



Original Color

26.8896, 0.2288, 0.3269



Achromatopsia

18.7821, 0.3127, 0.3290



Achromatomaly

20.5710, 0.2656, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8896, 0.2288, 0.3269 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(32, 157, 158)` looks like.

```
.text, #text, p{  
    color:rgb(32, 157, 158)  
}
```

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(32, 157, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 157, 158) }
```

Border

The CSS property to change the border of an element to Yxy 26.8896, 0.2288, 0.3269 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(32, 157, 158) }
```

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

```
.border{ border-color:rgb(32, 157, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 157, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 157, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 157, 158);  
box-shadow:4px 4px 4px 4px rgb(32, 157,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8896, 0.2288, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 157, 158) }
```

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

```
.background{ background-color: rgb(32, 157,  
158) }
```

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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