

Converting Colors

$Yxy(26.8398, 0.2366, 0.3518)$

Have a look what the booklet for
Yxy(26.8398, 0.2366, 0.3518)
contains.

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Color

$\text{Yxy}(26.8691, 0.2367, 0.3518)$

Conversions

Conversions Part 1

Format	Color
Hex	229E92
RGB	34, 158, 146
RGB Percent	13%, 62%, 57%
CMY	0.8661, 0.3804, 0.4274
CMYK	0.78, 0.00, 0.08, 0.38
HSL	174°, 64%, 38%
HSV	174°, 78%, 62%
XYZ	18.0782, 26.8691, 31.4288
YIQ	119.5560, -70.0520, -30.0200

Conversions

Conversions Part 2

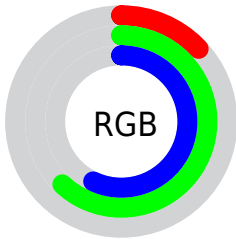
Format	Color
R_{YB}	34, 99, 158
Decimal	2268818
CIE _{Lab}	58.85, -35.09, -3.12
CIE _{LCh}	59, 35.233, 185.079
Yxy	26.8691, 0.2367, 0.3518
Android (android.graphics.Color)	4280458898 (0xFF229E92)
YUV	119.5560, 13.0369, -75.0326
Hunter-Lab	51.8354, -28.4580, 0.3362

Details

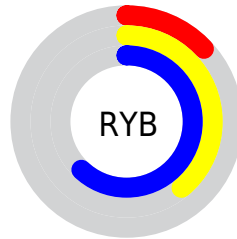
The Yxy color **26.8691, 0.2367, 0.3518** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8.6189, 0.5567, 0.3163**, and the grayscale version is **18.6208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5834, 0.2523, 0.3468**, and **11.1526, 0.2325, 0.3568** is the 20% darker color. If you saturate the color by 10%, you get **26.6123, 0.2342, 0.3551**, and if you desaturate by 10%, it is **27.2521, 0.2410, 0.3485**.

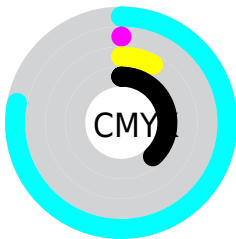
Distribution



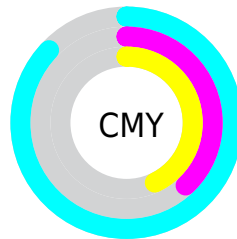
- Red (13%)
- Green (62%)
- Blue (57%)



- Red (13%)
- Yellow (39%)
- Blue (62%)



- Cyan (78%)
- Magenta (0%)
- Yellow (8%)
- Black (38%)




- Cyan (87%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8691, 0.2367, 0.3518 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 26.8691, 0.2367, 0.3518 by changing the saturation by 10% instead.


 26.8691, 0.2367,
0.3518


 26.8691, 0.2367,
0.3518


287.0228, 0.2776,
0.3400


 17.4749, 0.2255,
0.3549


 54.6737, 0.2523,
0.3474

 10.5737, 0.2106,
0.3588


 73.8530, 0.2579,
0.3458


 5.7810, 0.1897,
0.3640

 97.0628, 0.2626,
0.3444


 2.7123, 0.1587,
0.3710

 124.6874, 0.2665,
0.3433

 0.9835, 0.0314,
0.4132

 157.1114, 0.2699,
0.3423

 0.0000, 0.0000,
0.0000

 194.7190, 0.2728,

0.3414

237.8946, 0.2753,
0.3406

■ 26.8691, 0.2367,
0.3518

■ 26.8691, 0.2367,
0.3518

■ 26.6123, 0.2342,
0.3551

■ 27.2521, 0.2410,
0.3485

■ 26.4501, 0.2331,
0.3583

■ 27.7733, 0.2472,
0.3453

■ 26.4263, 0.2330,
0.3588

■ 28.4466, 0.2552,
0.3421

■ 29.2832, 0.2648,
0.3391

■ 30.2935, 0.2759,
0.3362

■ 31.4870, 0.2881,
0.3335

■ 32.8724, 0.3012,
0.3309

■ 34.4580, 0.3150,
0.3286

■ 36.2514, 0.3291,
0.3266

Harmonies

Analogous

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



26.8691, 0.2838, 0.4082



26.8691, 0.2367, 0.3518



26.8691, 0.2109, 0.2938

Triad

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



26.8691, 0.2367, 0.3518



26.8691, 0.2759, 0.2419



26.8691, 0.4263, 0.3919

Complementary

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



26.8691, 0.2367, 0.3518



8.6189, 0.5567, 0.3163

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.



26.8691, 0.4265, 0.3471



26.8691, 0.2367, 0.3518



26.8691, 0.3346, 0.2652

Square

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



26.8691, 0.2367, 0.3518



26.8691, 0.2319, 0.2370



26.8691, 0.3917, 0.3024



26.8691, 0.3939, 0.4267

Rectangle

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



26.8691, 0.2367, 0.3518



26.8691, 0.2072, 0.2646



26.8691, 0.3917, 0.3024



26.8691, 0.4304, 0.3775

Sweetspot

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



26.8701, 0.2367, 0.3518



55.8262, 0.2805, 0.3351



25.1616, 0.3072, 0.5656



12.4284, 0.2765, 0.3360



80.7346, 0.3127, 0.3290



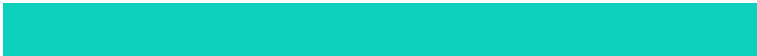
13.9985, 0.3127, 0.3290

Same Dimension

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



26.8701, 0.2367, 0.3518



48.1091, 0.2334, 0.3575



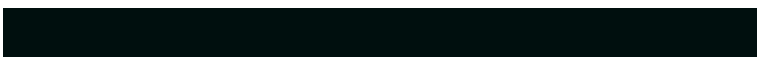
13.6318, 0.2034, 0.2264



7.4984, 0.3001, 0.3312



21.1692, 0.2329, 0.3585



0.3814, 0.2293, 0.3455

Inverse Universe

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



8.6189, 0.5567, 0.3163



13.5732, 0.6170, 0.3222



13.6762, 0.5090, 0.3970



6.6561, 0.3270, 0.3269



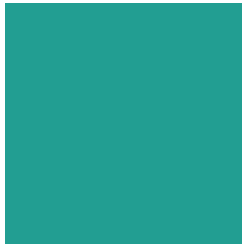
5.8530, 0.6260, 0.3222



0.1073, 0.5683, 0.2905

Previews

White Background



This preview shows how the Yxy color 26.8691, 0.2367, 0.3518 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 26.8691, 0.2367, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

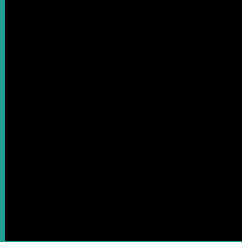
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8691, 0.2367, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 26.8691, 0.2367, 0.3518.

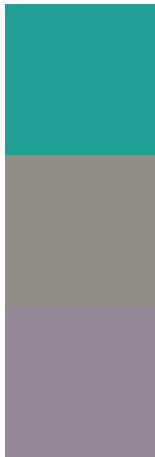


This preview shows how white text looks on a background with the Yxy color 26.8691, 0.2367, 0.3518.

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

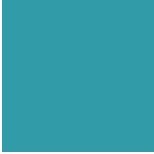
26.8691, 0.2367, 0.3518

Protanopia

26.4630, 0.3212, 0.3356

Deuteranopia

26.6097, 0.3127, 0.3069



Tritanopia

26.8857, 0.2280, 0.3071

Trichromacy



Original Color

26.8691, 0.2367, 0.3518

Protanomaly

25.7039, 0.2774, 0.3416

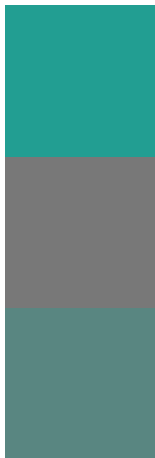
Deuteranomaly

25.6089, 0.2731, 0.3218

Tritanomaly

26.8156, 0.2312, 0.3232

Monochromacy



Original Color

26.8691, 0.2367, 0.3518

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

20.7590, 0.2711, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8691, 0.2367, 0.3518 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(34, 158, 146)` looks like.

```
.text, #text, p{  
    color:rgb(34, 158, 146)  
}
```

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(34, 158, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 158, 146) }
```

Border

The CSS property to change the border of an element to Yxy 26.8691, 0.2367, 0.3518 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(34, 158, 146) }
```

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

```
.border{ border-color:rgb(34, 158, 146) }
```

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

Here you see how a box with a 4 pixel rgb(34, 158, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 158, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 158, 146);  
box-shadow:4px 4px 4px 4px rgb(34, 158,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8691, 0.2367, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 158, 146) }
```

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

```
.background{ background-color: rgb(34, 158,  
146) }
```

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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