

Converting Colors

$Y_{xy}(25.9719, 0.2594, 0.3724)$

Have a look what the booklet for
Yxy(25.9719, 0.2594, 0.3724)
contains.

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Color

$\text{Yxy}(26.0151, 0.2599, 0.3735)$

Conversions

Conversions Part 1

Format	Color
Hex	459A83
RGB	69, 154, 131
RGB Percent	27%, 60%, 51%
CMY	0.7296, 0.3960, 0.4863
CMYK	0.55, 0.00, 0.15, 0.40
HSL	164°, 38%, 44%
HSV	164°, 55%, 60%
XYZ	18.1026, 26.0151, 25.5345
YIQ	125.9630, -43.2770, -25.1730

Conversions

Conversions Part 2

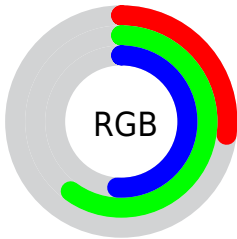
Format	Color
R_{YB}	69, 118, 154
Decimal	4561539
CIE _{Lab}	58.05, -31.51, 4.34
CIE _{LCh}	58, 31.808, 172.158
Yxy	26.0151, 0.2599, 0.3735
Android (android.graphics.Color)	4282751619 (0xFF459A83)
YUV	125.9630, 2.4832, -49.9566
Hunter-Lab	51.0050, -25.9058, 6.0213

Details

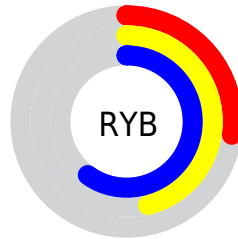
The Yxy color **26.0151, 0.2599, 0.3735** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11.8925, 0.4263, 0.2917**, and the grayscale version is **20.8486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3467, 0.2711, 0.3637**, and **10.1119, 0.2414, 0.3891** is the 20% darker color. If you saturate the color by 10%, you get **25.4139, 0.2544, 0.3832**, and if you desaturate by 10%, it is **26.7691, 0.2670, 0.3642**.

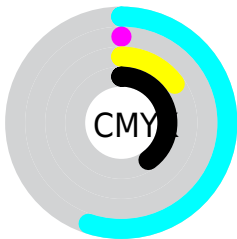
Distribution



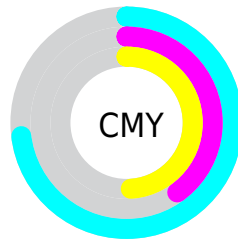
- Red (27%)
- Green (60%)
- Blue (51%)



- Red (27%)
- Yellow (46%)
- Blue (60%)



- Cyan (55%)
- Magenta (0%)
- Yellow (15%)
- Black (40%)





- Cyan (73%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0151, 0.2599, 0.3735 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 26.0151, 0.2599, 0.3735 by changing the saturation by 10% instead.


 26.0151, 0.2599,
0.3735


 26.0151, 0.2599,
0.3735


282.8562, 0.2890,
0.3486


 16.8349, 0.2516,
0.3808


 53.2993, 0.2712,
0.3637

 10.1169, 0.2402,
0.3909


 72.1721, 0.2752,
0.3603


 5.4765, 0.2238,
0.4058

 95.0446, 0.2785,
0.3575

 2.5295, 0.1980,
0.4301

 122.3012, 0.2813,
0.3551

 0.8913, 0.0476,
0.5447

 154.3263, 0.2837,
0.3531

 0.0000, 0.0000,
0.0000

191.5042, 0.2857,

0.3514

234.2194, 0.2875,
0.3499

■ 26.0151, 0.2599,
0.3735

■ 26.0151, 0.2599,
0.3735

■ 25.4139, 0.2544,
0.3832

■ 26.7691, 0.2670,
0.3642

■ 24.9507, 0.2508,
0.3931

■ 27.6831, 0.2755,
0.3553

■ 24.6132, 0.2490,
0.4031

■ 28.7676, 0.2852,
0.3470

■ 24.3841, 0.2491,
0.4131

■ 30.0313, 0.2957,
0.3394

■ 24.2918, 0.2494,
0.4178

■ 31.4824, 0.3068,
0.3324

■ 33.1283, 0.3182,
0.3261

■ 34.9764, 0.3297,
0.3204

■ 37.0334, 0.3412,
0.3154

■ 39.3058, 0.3525,
0.3110

Harmonies

Analogous

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



26.0151, 0.3090, 0.4158



26.0151, 0.2599, 0.3735



26.0151, 0.2266, 0.3188

Triad

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



26.0151, 0.2599, 0.3735



26.0151, 0.2595, 0.2444



26.0151, 0.4206, 0.3704

Complementary

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



26.0151, 0.2599, 0.3735



11.8925, 0.4263, 0.2917

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.



26.0151, 0.4063, 0.3280



26.0151, 0.2599, 0.3735



26.0151, 0.3090, 0.2590

Square

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



26.0151, 0.2599, 0.3735



26.0151, 0.2268, 0.2486



26.0151, 0.3639, 0.2887



26.0151, 0.4032, 0.4073

Rectangle

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



26.0151, 0.2599, 0.3735



26.0151, 0.2166, 0.2868



26.0151, 0.3639, 0.2887



26.0151, 0.4195, 0.3564

Sweetspot

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



26.0161, 0.2599, 0.3735



54.0349, 0.2934, 0.3409



25.8732, 0.3252, 0.4906



12.1321, 0.2915, 0.3423



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.



26.0161, 0.2599, 0.3735



45.9637, 0.2535, 0.3853



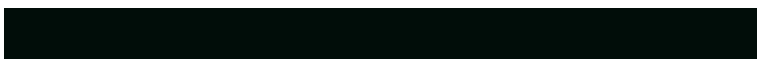
21.0866, 0.2370, 0.2934



6.9980, 0.3023, 0.3351



19.7944, 0.2492, 0.4170



0.3019, 0.2370, 0.3733

Inverse Universe

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



11.8925, 0.4263, 0.2917



17.6834, 0.4678, 0.2869



14.1772, 0.4524, 0.3595



6.2488, 0.3243, 0.3230



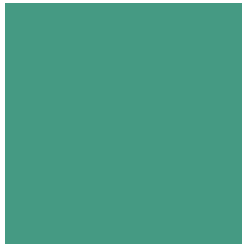
5.7369, 0.5809, 0.2974



0.0912, 0.4774, 0.2403

Previews

White Background



This preview shows how the Yxy color 26.0151, 0.2599, 0.3735 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 26.0151, 0.2599, 0.3735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

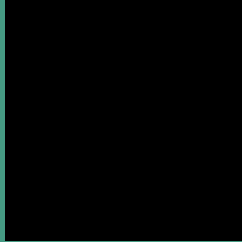
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0151, 0.2599, 0.3735

Background



This preview shows how black text looks on a background with the Yxy color 26.0151, 0.2599, 0.3735.

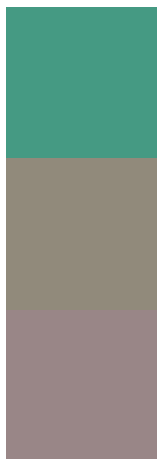


This preview shows how white text looks on a background with the Yxy color 26.0151, 0.2599, 0.3735.

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

26.0151, 0.2599, 0.3735

Protanopia

25.6268, 0.3363, 0.3541

Deuteranopia

25.5718, 0.3334, 0.3275



Tritanopia

26.0836, 0.2434, 0.3074

Trichromacy



Original Color

26.0151, 0.2599, 0.3735

Protanomaly

25.2348, 0.3019, 0.3615

Deuteranomaly

24.9086, 0.2995, 0.3413

Tritanomaly

25.8634, 0.2486, 0.3288

Monochromacy



Original Color

26.0151, 0.2599, 0.3735

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

22.1701, 0.2876, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0151, 0.2599, 0.3735 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(69, 154, 131)` looks like.

```
.text, #text, p{  
    color:rgb(69, 154, 131)  
}
```

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(69, 154, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 154, 131) }
```

Border

The CSS property to change the border of an element to Yxy 26.0151, 0.2599, 0.3735 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(69, 154, 131) }
```

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

```
.border{ border-color:rgb(69, 154, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 154, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 154, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 154, 131);  
box-shadow:4px 4px 4px 4px rgb(69, 154,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0151, 0.2599, 0.3735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 154, 131) }
```

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

```
.background{ background-color: rgb(69, 154,  
131) }
```

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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