

Converting Colors

$Y_{xy}(26.2093, 0.2498, 0.3145)$

Have a look what the booklet for
Yxy(26.2093, 0.2498, 0.3145)
contains.

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Color

Yxy(26.2126, 0.2499, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	55969E
RGB	85, 150, 158
RGB Percent	33%, 59%, 62%
CMY	0.6664, 0.4118, 0.3804
CMYK	0.46, 0.05, 0.00, 0.38
HSL	187°, 30%, 48%
HSV	187°, 46%, 62%
XYZ	20.8284, 26.2126, 36.3059
YIQ	131.4770, -41.3080, -11.2920

Conversions

Conversions Part 2

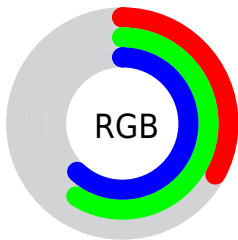
Format	Color
R_{YB}	85, 119, 158
Decimal	5609118
CIE _{Lab}	58.24, -18.55, -10.69
CIE _{LCh}	58, 21.407, 209.958
Yxy	26.2126, 0.2499, 0.3145
Android (android.graphics.Color)	4283799198 (0xFF55969E)
YUV	131.4770, 13.0758, -40.7603
Hunter-Lab	51.1982, -16.9798, -6.2052

Details

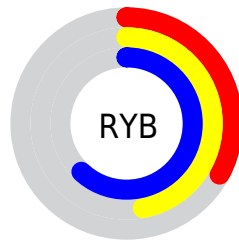
The Yxy color **26.2126, 0.2499, 0.3145** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.7670, 0.4270, 0.3424**, and the grayscale version is **22.8461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4788, 0.2623, 0.3171**, and **10.2321, 0.2280, 0.3072** is the 20% darker color. If you saturate the color by 10%, you get **25.0050, 0.2396, 0.3109**, and if you desaturate by 10%, it is **27.5955, 0.2617, 0.3180**.

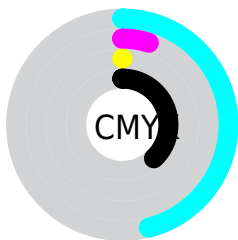
Distribution



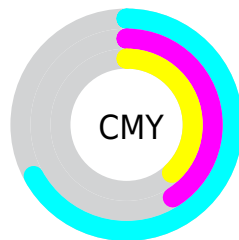
- Red (33%)
- Green (59%)
- Blue (62%)



- Red (33%)
- Yellow (47%)
- Blue (62%)



- Cyan (46%)
- Magenta (5%)
- Yellow (0%)
- Black (38%)





- Cyan (67%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2126, 0.2499, 0.3145 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 26.2126, 0.2499, 0.3145 by changing the saturation by 10% instead.


 26.2126, 0.2499,
0.3145


 26.2126, 0.2499,
0.3145


283.8242, 0.2836,
0.3231


 16.9828, 0.2407,
0.3118


 53.6177, 0.2627,
0.3180

 10.2222, 0.2283,
0.3079


 72.5618, 0.2674,
0.3192

 5.5465, 0.2111,
0.3018

 95.5127, 0.2712,
0.3202

 2.5714, 0.1853,
0.2916

 122.8549, 0.2745,
0.3210

 0.9123, 0.1257,
0.2770

154.9728, 0.2773,
0.3217

 0.0000, 0.0000,
0.0000

192.2507, 0.2797,

0.3222

235.0730, 0.2818,
0.3227

■ 26.2126, 0.2499,
0.3145

■ 26.2126, 0.2499,
0.3145

■ 25.0050, 0.2396,
0.3109

■ 27.5955, 0.2617,
0.3180

■ 23.9587, 0.2311,
0.3072

■ 29.1609, 0.2747,
0.3213

■ 23.0620, 0.2243,
0.3034

■ 30.9190, 0.2887,
0.3245

■ 22.3004, 0.2194,
0.2997

■ 32.8786, 0.3034,
0.3273

■ 21.6538, 0.2162,
0.2960

■ 35.0477, 0.3186,
0.3300

■ 21.4180, 0.2152,
0.2945

■ 37.4341, 0.3339,
0.3324

■ 40.0449, 0.3491,
0.3345

■ 42.8872, 0.3641,
0.3364

■ 45.9674, 0.3787,
0.3381

Harmonies

Analogous

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



26.2126, 0.2699, 0.3496



26.2126, 0.2499, 0.3145



26.2126, 0.2458, 0.2864

Triad

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



26.2126, 0.2499, 0.3145



26.2126, 0.3205, 0.2848



26.2126, 0.3685, 0.3877

Complementary

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



26.2126, 0.2499, 0.3145



15.7670, 0.4270, 0.3424

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.



26.2126, 0.3843, 0.3663



26.2126, 0.2499, 0.3145



26.2126, 0.3559, 0.3083

Square

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



26.2126, 0.2499, 0.3145



26.2126, 0.2848, 0.2715



26.2126, 0.3798, 0.3374



26.2126, 0.3381, 0.3938

Rectangle

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



26.2126, 0.2499, 0.3145



26.2126, 0.2522, 0.2749



26.2126, 0.3798, 0.3374



26.2126, 0.3758, 0.3819

Sweetspot

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



26.2136, 0.2499, 0.3145



56.7951, 0.2914, 0.3250



27.1652, 0.3008, 0.4558



12.6473, 0.2885, 0.3244



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.



26.2136, 0.2499, 0.3145



45.4297, 0.2397, 0.3109



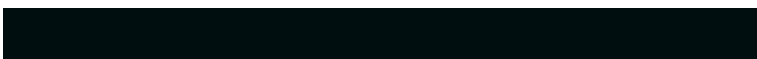
16.4922, 0.2378, 0.2456



7.3851, 0.2988, 0.3265



17.1904, 0.2152, 0.2948



0.3393, 0.2194, 0.3097

Inverse Universe

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



15.9787, 0.3286, 0.2297



24.9191, 0.3327, 0.2112



23.5799, 0.3990, 0.3992



6.7420, 0.3153, 0.3093



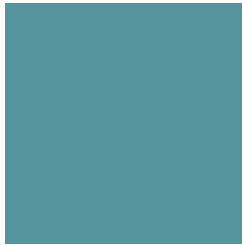
7.3576, 0.3500, 0.1702



0.1348, 0.3370, 0.1630

Previews

White Background



This preview shows how the Yxy color 26.2126, 0.2499, 0.3145 looks on a white background.

Color Contrast Check

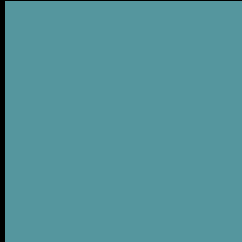
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2126, 0.2499, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

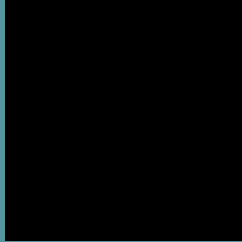
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2126, 0.2499, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 26.2126, 0.2499, 0.3145.



This preview shows how white text looks on a background with the Yxy color 26.2126, 0.2499, 0.3145.

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

26.2126, 0.2499, 0.3145

Protanopia

25.8146, 0.2998, 0.3077

Deuteranopia

26.0212, 0.2954, 0.2894



Tritanopia

26.0465, 0.2481, 0.3075

Trichromacy



Original Color

26.2126, 0.2499, 0.3145

Protanomaly

25.6010, 0.2784, 0.3084

Deuteranomaly

25.7254, 0.2760, 0.2971

Tritanomaly

26.0114, 0.2488, 0.3092

Monochromacy



Original Color

26.2126, 0.2499, 0.3145

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.6775, 0.2847, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2126, 0.2499, 0.3145 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(85, 150, 158)` looks like.

```
.text, #text, p{  
    color:rgb(85, 150, 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(85, 150, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 150, 158) }
```

Border

The CSS property to change the border of an element to Yxy 26.2126, 0.2499, 0.3145 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(85, 150, 158) }
```

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

```
.border{ border-color:rgb(85, 150, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 150, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 150, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 150, 158);  
box-shadow:4px 4px 4px 4px rgb(85, 150,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2126, 0.2499, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 150, 158) }
```

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

```
.background{ background-color: rgb(85, 150,  
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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