

Converting Colors

$Y_{xy}(26.3879, 0.2583, 0.3235)$

Have a look what the booklet for
Yxy(26.3879, 0.2583, 0.3235)
contains.

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Color

Yxy(26.3879, 0.2583, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	5C9699
RGB	92, 150, 153
RGB Percent	36%, 59%, 60%
CMY	0.6392, 0.4118, 0.4001
CMYK	0.40, 0.02, 0.00, 0.40
HSL	183°, 25%, 48%
HSV	183°, 40%, 60%
XYZ	21.0695, 26.3879, 34.1126
YIQ	133.0000, -35.5310, -11.3630

Conversions

Conversions Part 2

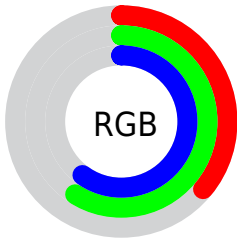
Format	Color
R_{YB}	92, 122, 153
Decimal	6067865
CIE _{Lab}	58.40, -18.10, -7.55
CIE _{LCh}	58, 19.613, 202.654
Yxy	26.3879, 0.2583, 0.3235
Android (android.graphics.Color)	4284257945 (0xFF5C9699)
YUV	133.0000, 9.8600, -35.9570
Hunter-Lab	51.3692, -16.6826, -3.4141

Details

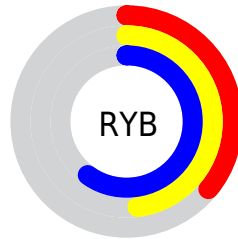
The Yxy color **26.3879, 0.2583, 0.3235** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.7275, 0.4073, 0.3343**, and the grayscale version is **23.4299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7105, 0.2694, 0.3249**, and **10.3143, 0.2393, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **25.4408, 0.2477, 0.3219**, and if you desaturate by 10%, it is **27.4977, 0.2704, 0.3250**.

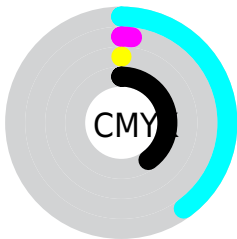
Distribution



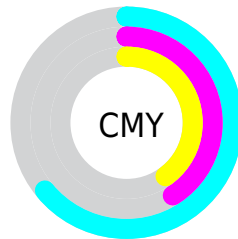
- Red (36%)
- Green (59%)
- Blue (60%)



- Red (36%)
- Yellow (48%)
- Blue (60%)



- Cyan (40%)
- Magenta (2%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3879, 0.2583, 0.3235 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 26.3879, 0.2583, 0.3235 by changing the saturation by 10% instead.


 26.3879, 0.2583,
0.3235


 26.3879, 0.2583,
0.3235


284.6811, 0.2876,
0.3270


 17.1141, 0.2502,
0.3223


 53.9001, 0.2695,
0.3250

 10.3158, 0.2394,
0.3205


 72.9072, 0.2735,
0.3255

 5.6089, 0.2240,
0.3175

 95.9275, 0.2769,
0.3259

 2.6087, 0.2008,
0.3122

 123.3454, 0.2797,
0.3262

 0.9311, 0.1457,
0.3066

155.5454, 0.2821,
0.3265

 0.0000, 0.0000,
0.0000

192.9117, 0.2842,

0.3267

235.8288, 0.2860,
0.3269

■ 26.3879, 0.2583,
0.3235

■ 26.3879, 0.2583,
0.3235

■ 25.4408, 0.2477,
0.3219

■ 27.4977, 0.2704,
0.3250

■ 24.6437, 0.2388,
0.3203

■ 28.7759, 0.2837,
0.3264

■ 23.9869, 0.2316,
0.3187

■ 30.2317, 0.2980,
0.3278

■ 23.4584, 0.2263,
0.3171

■ 31.8729, 0.3129,
0.3290

■ 23.0439, 0.2228,
0.3155

■ 33.7065, 0.3283,
0.3302

■ 22.7089, 0.2206,
0.3139

■ 35.7395, 0.3438,
0.3312

■ 22.7041, 0.2205,
0.3139

■ 37.9783, 0.3593,
0.3321

■ 40.4290, 0.3745,
0.3329

■ 43.0976, 0.3893,
0.3336

Harmonies

Analogous

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



26.3879, 0.2800, 0.3554



26.3879, 0.2583, 0.3235



26.3879, 0.2507, 0.2955

Triad

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



26.3879, 0.2583, 0.3235



26.3879, 0.3116, 0.2844



26.3879, 0.3689, 0.3791

Complementary

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



26.3879, 0.2583, 0.3235



15.7275, 0.4073, 0.3343

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.



26.3879, 0.3789, 0.3574



26.3879, 0.2583, 0.3235



26.3879, 0.3449, 0.3041

Square

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



26.3879, 0.2583, 0.3235



26.3879, 0.2802, 0.2749



26.3879, 0.3701, 0.3302



26.3879, 0.3437, 0.3884

Rectangle

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



26.3879, 0.2583, 0.3235



26.3879, 0.2542, 0.2827



26.3879, 0.3701, 0.3302



26.3879, 0.3742, 0.3729

Sweetspot

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



26.3889, 0.2583, 0.3235



53.5026, 0.2945, 0.3275



25.8624, 0.3055, 0.4433



11.7455, 0.2928, 0.3273



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.3889, 0.2583, 0.3235



45.7142, 0.2486, 0.3221



18.1211, 0.2498, 0.2673



6.9748, 0.2989, 0.3279



18.7832, 0.2206, 0.3140



0.2944, 0.2225, 0.3211

Inverse Universe

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



16.6297, 0.3211, 0.2376



25.8197, 0.3232, 0.2185



22.0927, 0.3875, 0.3832



6.3184, 0.3144, 0.3081



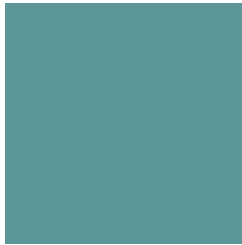
7.3015, 0.3333, 0.1610



0.1105, 0.3273, 0.1577

Previews

White Background



This preview shows how the Yxy color 26.3879, 0.2583, 0.3235 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 26.3879, 0.2583, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

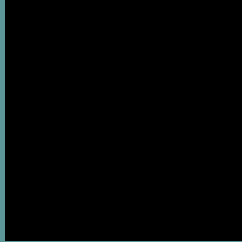
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3879, 0.2583, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 26.3879, 0.2583, 0.3235.

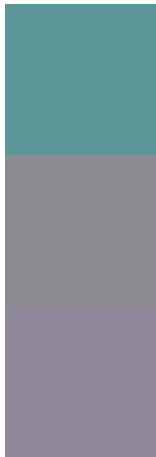


This preview shows how white text looks on a background with the Yxy color 26.3879, 0.2583, 0.3235.

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

26.3879, 0.2583, 0.3235

Protanopia

26.1160, 0.3068, 0.3175

Deuteranopia

26.1196, 0.3034, 0.2973



Tritanopia

26.4478, 0.2537, 0.3078

Trichromacy



Original Color

26.3879, 0.2583, 0.3235

Protanomaly

26.0258, 0.2867, 0.3187

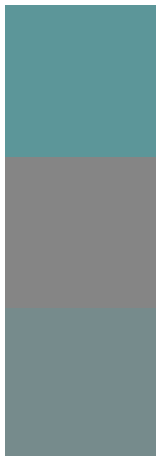
Deuteranomaly

25.8519, 0.2841, 0.3055

Tritanomaly

26.2907, 0.2551, 0.3129

Monochromacy



Original Color

26.3879, 0.2583, 0.3235

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.2102, 0.2897, 0.3272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3879, 0.2583, 0.3235 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(92, 150, 153)` looks like.

```
.text, #text, p{  
    color:rgb(92, 150, 153)  
}
```

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(92, 150, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 150, 153) }
```

Border

The CSS property to change the border of an element to Yxy 26.3879, 0.2583, 0.3235 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(92, 150, 153) }
```

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

```
.border{ border-color:rgb(92, 150, 153) }
```

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

Here you see how a box with a 4 pixel rgb(92, 150, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 150, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 150, 153);  
box-shadow:4px 4px 4px 4px rgb(92, 150,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3879, 0.2583, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 150, 153) }
```

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

```
.background{ background-color: rgb(92, 150,  
153) }
```

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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