

Converting Colors

$Y_{xy}(26.1757, 0.2971, 0.3573)$

Have a look what the booklet for
Yxy(26.1757, 0.2971, 0.3573)
contains.

Yxy(26.2880, 0.2973, 0.3574)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(26.2880, 0.2973, 0.3574)$

Conversions

Conversions Part 1

Format	Color
Hex	759383
RGB	117, 147, 131
RGB Percent	46%, 58%, 51%
CMY	0.5412, 0.4235, 0.4862
CMYK	0.20, 0.00, 0.11, 0.42
HSL	148°, 12%, 52%
HSV	148°, 20%, 58%
XYZ	21.8674, 26.2880, 25.3980
YIQ	136.2060, -12.7440, -11.3360

Conversions

Conversions Part 2

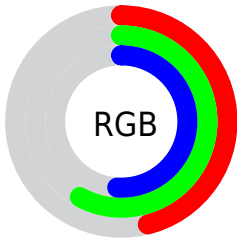
Format	Color
RYB	117, 137, 147
Decimal	7705475
CIELab	58.31, -13.92, 5.01
CIElCh	58, 14.794, 160.226
Yxy	26.2880, 0.2973, 0.3574
Android (android.graphics.Color)	4285895555 (0xFF759383)
YUV	136.2060, -2.5666, -16.8437
Hunter-Lab	51.2718, -13.5954, 6.5204

Details

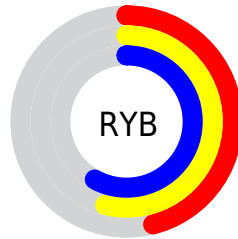
The Yxy color $26.2880, 0.2973, 0.3574$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.6201, 0.3317, 0.3022$, and the grayscale version is $24.7161, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.6690, 0.3003, 0.3511$, and $10.2039, 0.2908, 0.3668$ is the 20% darker color. If you saturate the color by 10%, you get $25.1449, 0.2903, 0.3736$, and if you desaturate by 10%, it is $27.6092, 0.3048, 0.3427$.

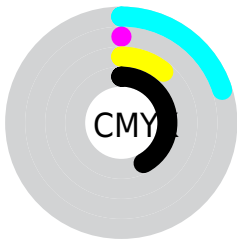
Distribution



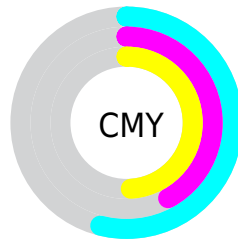
- Red (46%)
- Green (58%)
- Blue (51%)



- Red (46%)
- Yellow (54%)
- Blue (58%)



- Cyan (20%)
- Magenta (0%)
- Yellow (11%)
- Black (42%)





- Cyan (54%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2880, 0.2973, 0.3574 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 26.2880, 0.2973, 0.3574 by changing the saturation by 10% instead.

 26.2880, 0.2973,
0.3574


 26.2880, 0.2973,
0.3574


284.1930, 0.3059,
0.3416


 17.0392, 0.2948,
0.3620


 53.7392, 0.3007,
0.3512

 10.2625, 0.2914,
0.3684


 72.7104, 0.3018,
0.3490

 5.5733, 0.2863,
0.3779

 95.6912, 0.3028,
0.3472

 2.5874, 0.2780,
0.3934

123.0660, 0.3036,
0.3457

 0.9203, 0.2537,
0.4369

155.2192, 0.3043,
0.3444

 0.0000, 0.0000,
0.0000

192.5351, 0.3049,

0.3433

235.3983, 0.3054,
0.3424

■ 26.2880, 0.2973,
0.3574

■ 26.2880, 0.2973,
0.3574

■ 25.1449, 0.2903,
0.3736

■ 27.6092, 0.3048,
0.3427

■ 24.1690, 0.2839,
0.3913

■ 29.1127, 0.3124,
0.3295

■ 23.3528, 0.2785,
0.4102

■ 30.8063, 0.3201,
0.3178

■ 22.6872, 0.2744,
0.4301

■ 32.6965, 0.3276,
0.3074

■ 22.1622, 0.2719,
0.4505

■ 34.7897, 0.3350,
0.2983

■ 21.7663, 0.2712,
0.4708

■ 37.0916, 0.3420,
0.2903

■ 21.4861, 0.2723,
0.4906

■ 39.6081, 0.3488,
0.2833

■ 21.2931, 0.2746,
0.5086

■ 42.3445, 0.3552,
0.2771

■ 45.3061, 0.3613,
0.2718

Harmonies

Analogous

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



26.2880, 0.3222, 0.3713



26.2880, 0.2973, 0.3574



26.2880, 0.2770, 0.3351

Triad

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



26.2880, 0.2973, 0.3574



26.2880, 0.2801, 0.2875



26.2880, 0.3615, 0.3428

Complementary

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



26.2880, 0.2973, 0.3574



20.6201, 0.3317, 0.3022

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.



26.2880, 0.3493, 0.3216



26.2880, 0.2973, 0.3574



26.2880, 0.3017, 0.2906

Square

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



26.2880, 0.2973, 0.3574



26.2880, 0.2674, 0.2950



26.2880, 0.3271, 0.3029



26.2880, 0.3599, 0.3614

Rectangle

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



26.2880, 0.2973, 0.3574



26.2880, 0.2686, 0.3194



26.2880, 0.3271, 0.3029



26.2880, 0.3588, 0.3357

Sweetspot

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



26.2891, 0.2973, 0.3574



50.5555, 0.3080, 0.3369



27.1391, 0.3271, 0.3806



11.5058, 0.3076, 0.3376



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.2891, 0.2973, 0.3574



46.2043, 0.2944, 0.3639



26.7255, 0.2840, 0.3306



6.5108, 0.3057, 0.3410



18.4646, 0.2743, 0.5076



0.2319, 0.2520, 0.4270

Inverse Universe

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



20.6201, 0.3317, 0.3022



34.3621, 0.3364, 0.2966



20.2349, 0.3505, 0.3274



5.8640, 0.3204, 0.3173



5.8641, 0.4773, 0.2403



0.0777, 0.3956, 0.1953

Previews

White Background



This preview shows how the Yxy color 26.2880, 0.2973, 0.3574 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 26.2880, 0.2973, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

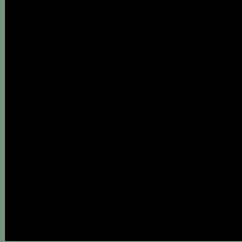
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

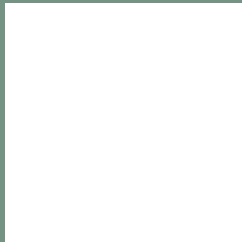
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.2880, 0.2973, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 26.2880, 0.2973, 0.3574.



This preview shows how white text looks on a background with the Yxy color 26.2880, 0.2973, 0.3574.

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

26.2880, 0.2973, 0.3574

Protanopia

26.0173, 0.3318, 0.3490

Deuteranopia

26.0893, 0.3389, 0.3323



Tritanopia

26.3780, 0.2797, 0.3103

Trichromacy



Original Color

26.2880, 0.2973, 0.3574

Protanomaly

26.0554, 0.3191, 0.3529

Deuteranomaly

25.8820, 0.3232, 0.3407

Tritanomaly

26.3192, 0.2867, 0.3272

Monochromacy



Original Color

26.2880, 0.2973, 0.3574

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.1445, 0.3069, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2880, 0.2973, 0.3574 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(117, 147, 131)` looks like.

```
.text, #text, p{  
    color:rgb(117, 147, 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(117, 147, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 147, 131) }
```

Border

The CSS property to change the border of an element to Yxy 26.2880, 0.2973, 0.3574 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(117, 147, 131) }
```

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

```
.border{ border-color:rgb(117, 147, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 147, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 147, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 147, 131);  
box-shadow:4px 4px 4px 4px rgb(117, 147,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2880, 0.2973, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 147, 131) }
```

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

```
.background{ background-color: rgb(117,  
147, 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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