

Converting Colors

$Y_{xy}(26.2723, 0.2882, 0.3378)$

Have a look what the booklet for
Yxy(26.2723, 0.2882, 0.3378)
contains.

Yxy(26.2628, 0.2883, 0.3377)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.2628, 0.2883, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	75928D
RGB	117, 146, 141
RGB Percent	46%, 57%, 55%
CMY	0.5412, 0.4274, 0.4471
CMYK	0.20, 0.00, 0.03, 0.43
HSL	170°, 12%, 52%
HSV	170°, 20%, 57%
XYZ	22.4210, 26.2628, 29.0858
YIQ	136.7590, -15.6790, -7.7030

Conversions

Conversions Part 2

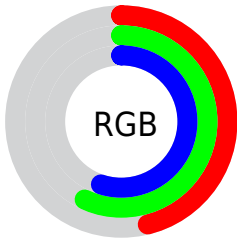
Format	Color
RYB	117, 133, 146
Decimal	7705229
CIELab	58.29, -11.26, -0.73
CIELCh	58, 11.279, 183.698
Yxy	26.2628, 0.2883, 0.3377
Android (android.graphics.Color)	4285895309 (0xFF75928D)
YUV	136.7590, 2.0908, -17.3286
Hunter-Lab	51.2472, -11.5878, 2.2225

Details

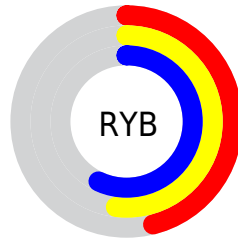
The Yxy color **26.2628, 0.2883, 0.3377** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.2358, 0.3441, 0.3205**, and the grayscale version is **24.9164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7947, 0.2935, 0.3354**, and **10.1687, 0.2793, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **25.2561, 0.2771, 0.3427**, and if you desaturate by 10%, it is **27.4311, 0.3003, 0.3331**.

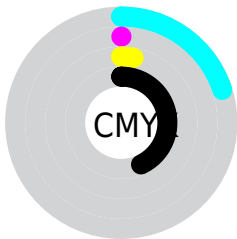
Distribution



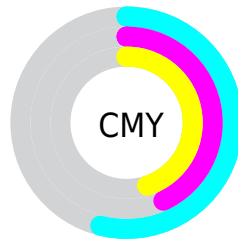
- Red (46%)
- Green (57%)
- Blue (55%)



- Red (46%)
- Yellow (52%)
- Blue (57%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (43%)





- Cyan (54%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2628, 0.2883, 0.3377 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 26.2628, 0.2883, 0.3377 by changing the saturation by 10% instead.


 26.2628, 0.2883,
0.3377


 26.2628, 0.2883,
0.3377


284.0698, 0.3016,
0.3330


 17.0203, 0.2845,
0.3390


 53.6986, 0.2935,
0.3359

 10.2490, 0.2794,
0.3408


 72.6607, 0.2953,
0.3352

 5.5644, 0.2720,
0.3434

 95.6316, 0.2968,
0.3347

 2.5820, 0.2603,
0.3473

122.9955, 0.2981,
0.3343

 0.9176, 0.2326,
0.3575

155.1368, 0.2992,
0.3339

 0.0000, 0.0000,
0.0000

192.4401, 0.3001,

0.3335

235.2896, 0.3009,
0.3332

■ 26.2628, 0.2883,
0.3377

■ 26.2628, 0.2883,
0.3377

■ 25.2561, 0.2771,
0.3427

■ 27.4311, 0.3003,
0.3331

■ 24.4005, 0.2670,
0.3480

■ 28.7646, 0.3129,
0.3290

■ 23.6892, 0.2583,
0.3535

■ 30.2708, 0.3258,
0.3252

■ 23.1136, 0.2511,
0.3594

■ 31.9558, 0.3388,
0.3218

■ 22.6641, 0.2457,
0.3653

■ 33.8254, 0.3517,
0.3188

■ 22.3300, 0.2421,
0.3714

■ 35.8851, 0.3644,
0.3162

■ 22.0988, 0.2403,
0.3774

■ 38.1402, 0.3768,
0.3139

■ 21.9377, 0.2399,
0.3835

■ 40.5958, 0.3887,
0.3119

■ 21.9358, 0.2399,
0.3835

■ 43.2567, 0.4002,
0.3102

Harmonies

Analogous

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



26.2628, 0.3051, 0.3534



26.2628, 0.2883, 0.3377



26.2628, 0.2781, 0.3199

Triad

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



26.2628, 0.2883, 0.3377



26.2628, 0.3004, 0.2982



26.2628, 0.3498, 0.3513

Complementary

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



26.2628, 0.2883, 0.3377



20.2358, 0.3441, 0.3205

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.



26.2628, 0.3486, 0.3363



26.2628, 0.2883, 0.3377



26.2628, 0.3196, 0.3063

Square

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



26.2628, 0.2883, 0.3377



26.2628, 0.2849, 0.2977



26.2628, 0.3374, 0.3200



26.2628, 0.3408, 0.3610

Rectangle

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



26.2628, 0.2883, 0.3377



26.2628, 0.2763, 0.3096



26.2628, 0.3374, 0.3200



26.2628, 0.3506, 0.3467

Sweetspot

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



26.2639, 0.2883, 0.3377



49.2348, 0.3050, 0.3315



26.0039, 0.3158, 0.3809



10.9242, 0.3043, 0.3317



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



26.2639, 0.2883, 0.3377



45.4742, 0.2830, 0.3399



23.6957, 0.2830, 0.3127



6.5452, 0.3011, 0.3328



19.3044, 0.2398, 0.3832



0.2399, 0.2317, 0.3542

Inverse Universe

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



20.2358, 0.3441, 0.3205



32.7911, 0.3535, 0.3184



22.3623, 0.3476, 0.3448



5.8308, 0.3257, 0.3252



5.4427, 0.6095, 0.3132



0.0697, 0.5206, 0.2642

Previews

White Background



This preview shows how the Yxy color 26.2628, 0.2883, 0.3377 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 26.2628, 0.2883, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

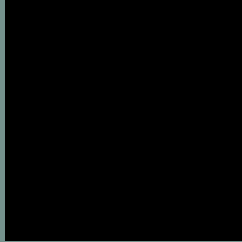
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

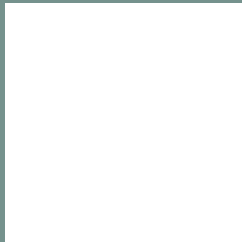
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.2628, 0.2883, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 26.2628, 0.2883, 0.3377.



This preview shows how white text looks on a background with the Yxy color 26.2628, 0.2883, 0.3377.

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

26.2628, 0.2883, 0.3377

Protanopia

26.1110, 0.3191, 0.3323

Deuteranopia

25.9865, 0.3234, 0.3163



Tritanopia

26.3061, 0.2788, 0.3103

Trichromacy



Original Color

26.2628, 0.2883, 0.3377

Protanomaly

26.2493, 0.3081, 0.3357

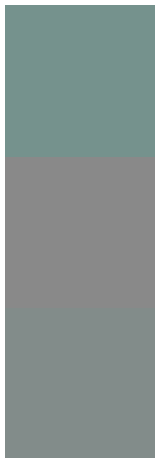
Deuteranomaly

25.9072, 0.3097, 0.3240

Tritanomaly

26.3747, 0.2822, 0.3203

Monochromacy



Original Color

26.2628, 0.2883, 0.3377

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.3370, 0.3040, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2628, 0.2883, 0.3377 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, 146, 141)` looks like.

```
.text, #text, p{  
    color:rgb(117, 146, 141)  
}
```

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, 146, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 146, 141) }
```

Border

The CSS property to change the border of an element to Yxy 26.2628, 0.2883, 0.3377 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, 146, 141) }
```

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

```
.border{ border-color:rgb(117, 146, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 146, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 146, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 146, 141);  
box-shadow:4px 4px 4px 4px rgb(117, 146,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2628, 0.2883, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 146, 141) }
```

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

```
.background{ background-color: rgb(117,  
146, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor