

Converting Colors

$Y_{xy}(26.7873, 0.2815, 0.3487)$

Have a look what the booklet for
Yxy(26.7873, 0.2815, 0.3487)
contains.

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Color

Yxy(26.8026, 0.2813, 0.3486)

Conversions

Conversions Part 1

Format	Color
Hex	6B968B
RGB	107, 150, 139
RGB Percent	42%, 59%, 55%
CMY	0.5804, 0.4117, 0.4549
CMYK	0.29, 0.00, 0.07, 0.41
HSL	165°, 17%, 50%
HSV	165°, 29%, 59%
XYZ	21.6281, 26.8026, 28.4557
YIQ	135.8890, -22.0970, -12.5370

Conversions

Conversions Part 2

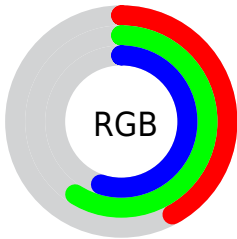
Format	Color
RYB	107, 132, 150
Decimal	7050891
CIELab	58.79, -17.12, 1.08
CIElCh	59, 17.154, 176.387
Yxy	26.8026, 0.2813, 0.3486
Android (android.graphics.Color)	4285240971 (0xFF6B968B)
YUV	135.8890, 1.5337, -25.3357
Hunter-Lab	51.7712, -16.0288, 3.6516

Details

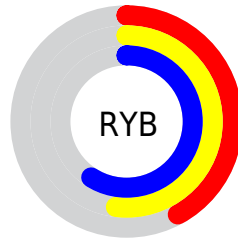
The Yxy color $26.8026, 0.2813, 0.3486$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $18.3056, 0.3579, 0.3104$, and the grayscale version is $24.5766, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.3624, 0.2879, 0.3446$, and $10.5445, 0.2704, 0.3560$ is the 20% darker color. If you saturate the color by 10%, you get $25.8430, 0.2719, 0.3566$, and if you desaturate by 10%, it is $27.9297, 0.2917, 0.3412$.

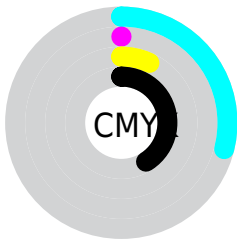
Distribution



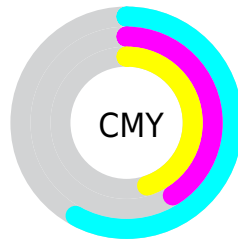
- Red (42%)
- Green (59%)
- Blue (55%)



- Red (42%)
- Yellow (52%)
- Blue (59%)



- Cyan (29%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)



- Cyan (58%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8026, 0.2813, 0.3486 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 26.8026, 0.2813, 0.3486 by changing the saturation by 10% instead.

■ 26.8026, 0.2813,
0.3486

■ 26.8026, 0.2813,
0.3486

■ 286.7001, 0.2985,
0.3379

■ 17.4250, 0.2765,
0.3517

■ 54.5669, 0.2879,
0.3444

■ 10.5380, 0.2699,
0.3558

■ 73.7225, 0.2903,
0.3430

■ 5.7571, 0.2604,
0.3619

■ 96.9062, 0.2922,
0.3417

■ 2.6979, 0.2455,
0.3715

■ 124.5023, 0.2939,
0.3407

■ 0.9762, 0.2055,
0.3956

■ 156.8954, 0.2953,
0.3398

■ 0.0000, 0.0000,
0.0000

194.4698, 0.2965,

0.3391

237.6099, 0.2975,
0.3384

■ 26.8026, 0.2813,
0.3486

■ 26.8026, 0.2813,
0.3486

■ 25.8430, 0.2719,
0.3566

■ 27.9297, 0.2917,
0.3412

■ 25.0391, 0.2637,
0.3651

■ 29.2286, 0.3028,
0.3344

■ 24.3830, 0.2570,
0.3740

■ 30.7079, 0.3143,
0.3282

■ 23.8646, 0.2520,
0.3832

■ 32.3743, 0.3260,
0.3227

■ 23.4725, 0.2488,
0.3925

■ 34.2343, 0.3377,
0.3177

■ 23.1935, 0.2476,
0.4019

■ 36.2941, 0.3493,
0.3134

■ 22.9998, 0.2479,
0.4112

■ 38.5595, 0.3606,
0.3095

■ 22.9757, 0.2479,
0.4125

■ 41.0364, 0.3716,
0.3062

■ 43.7299, 0.3822,
0.3032

Harmonies

Analogous

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



26.8026, 0.3078, 0.3710



26.8026, 0.2813, 0.3486



26.8026, 0.2636, 0.3211

Triad

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



26.8026, 0.2813, 0.3486



26.8026, 0.2875, 0.2820



26.8026, 0.3700, 0.3568

Complementary

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



26.8026, 0.2813, 0.3486



18.3056, 0.3579, 0.3104

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.



26.8026, 0.3643, 0.3333



26.8026, 0.2813, 0.3486



26.8026, 0.3156, 0.2915

Square

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



26.8026, 0.2813, 0.3486



26.8026, 0.2670, 0.2838



26.8026, 0.3440, 0.3099



26.8026, 0.3595, 0.3745

Rectangle

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



26.8026, 0.2813, 0.3486



26.8026, 0.2587, 0.3045



26.8026, 0.3440, 0.3099



26.8026, 0.3700, 0.3493

Sweetspot

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



26.8037, 0.2813, 0.3486



51.4551, 0.3022, 0.3347



26.7599, 0.3205, 0.4066



11.3320, 0.3007, 0.3356



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.



26.8037, 0.2813, 0.3486



46.2481, 0.2755, 0.3533



24.0744, 0.2705, 0.3110



6.5371, 0.3022, 0.3347



19.0590, 0.2477, 0.4118



0.2381, 0.2357, 0.3684

Inverse Universe

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



18.3056, 0.3579, 0.3104



28.8948, 0.3710, 0.3063



20.2745, 0.3688, 0.3463



5.8383, 0.3245, 0.3234



5.5006, 0.5854, 0.2998



0.0715, 0.4815, 0.2426

Previews

White Background



This preview shows how the Yxy color 26.8026, 0.2813, 0.3486 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 26.8026, 0.2813, 0.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

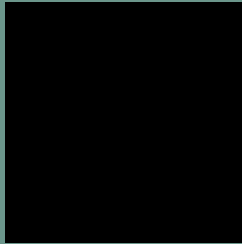
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8026, 0.2813, 0.3486

Background



This preview shows how black text looks on a background with the Yxy color 26.8026, 0.2813, 0.3486.



This preview shows how white text looks on a background with the Yxy color 26.8026, 0.2813, 0.3486.

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

26.8026, 0.2813, 0.3486

Protanopia

26.4971, 0.3243, 0.3389

Deuteranopia

26.4313, 0.3266, 0.3196



Tritanopia

26.7501, 0.2680, 0.3084

Trichromacy



Original Color

26.8026, 0.2813, 0.3486

Protanomaly

26.5494, 0.3068, 0.3426

Deuteranomaly

26.2912, 0.3084, 0.3290

Tritanomaly

26.7618, 0.2729, 0.3219

Monochromacy



Original Color

26.8026, 0.2813, 0.3486

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.2159, 0.2997, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8026, 0.2813, 0.3486 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(107, 150, 139)` looks like.

```
.text, #text, p{  
    color:rgb(107, 150, 139)  
}
```

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(107, 150, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 150, 139) }
```

Border

The CSS property to change the border of an element to Yxy 26.8026, 0.2813, 0.3486 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(107, 150, 139) }
```

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

```
.border{ border-color:rgb(107, 150, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 150, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 150, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 150, 139);  
box-shadow:4px 4px 4px 4px rgb(107, 150,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8026, 0.2813, 0.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 150, 139) }
```

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

```
.background{ background-color: rgb(107,  
150, 139) }
```

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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