

Converting Colors

$Y_{xy}(27.6898, 0.2851, 0.3607)$

Have a look what the booklet for
Yxy(27.6898, 0.2851, 0.3607)
contains.

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Color

$\text{Yxy}(27.6575, 0.2850, 0.3611)$

Conversions

Conversions Part 1

Format	Color
Hex	6B9987
RGB	107, 153, 135
RGB Percent	42%, 60%, 53%
CMY	0.5803, 0.4000, 0.4706
CMYK	0.30, 0.00, 0.12, 0.40
HSL	157°, 18%, 51%
HSV	157°, 30%, 60%
XYZ	21.8288, 27.6575, 27.1060
YIQ	137.1940, -21.6380, -15.3500

Conversions

Conversions Part 2

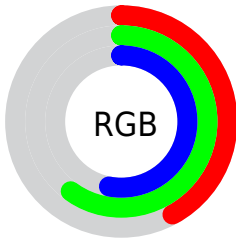
Format	Color
RYB	107, 136, 153
Decimal	7051655
CIELab	59.58, -19.57, 4.49
CIELCh	60, 20.080, 167.073
Yxy	27.6575, 0.2850, 0.3611
Android (android.graphics.Color)	4285241735 (0xFF6B9987)
YUV	137.1940, -1.0816, -26.4801
Hunter-Lab	52.5904, -17.9428, 6.2541

Details

The Yxy color **27.6575, 0.2850, 0.3611** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.7731, 0.3522, 0.2992**, and the grayscale version is **25.1054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.2162, 0.2913, 0.3550**, and **11.0285, 0.2747, 0.3751** is the 20% darker color. If you saturate the color by 10%, you get **26.6284, 0.2771, 0.3738**, and if you desaturate by 10%, it is **28.8661, 0.2937, 0.3494**.

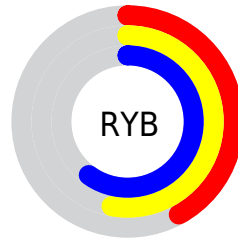
Distribution



Red (42%)

Green (60%)

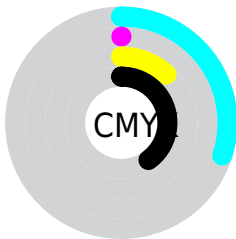
Blue (53%)



Red (42%)

Yellow (53%)

Blue (60%)

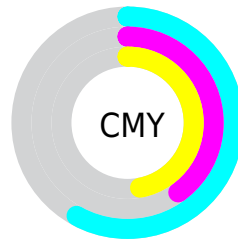


Cyan (30%)

Magenta (0%)

Yellow (12%)

Black (40%)



Cyan (58%)

Magenta (40%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6575, 0.2850, 0.3611 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 27.6575, 0.2850, 0.3611 by changing the saturation by 10% instead.


 27.6575, 0.2850,
0.3611

 27.6575, 0.2850,
0.3611


290.8267, 0.3002,
0.3433


 18.0676, 0.2807,
0.3662

 55.9372, 0.2909,
0.3542

 10.9986, 0.2748,
0.3733


 75.3957, 0.2930,
0.3517

 6.0659, 0.2662,
0.3837

 98.9127, 0.2947,
0.3497

 2.8852, 0.2526,
0.4004

 126.8724, 0.2962,
0.3480

 1.0721, 0.2170,
0.4389

159.6593, 0.2974,
0.3466

 0.0000, 0.0000,
0.0000

197.6577, 0.2985,

0.3453

241.2520, 0.2994,
0.3443

■ 27.6575, 0.2850,
0.3611

■ 27.6575, 0.2850,
0.3611

■ 26.6284, 0.2771,
0.3738

■ 28.8661, 0.2937,
0.3494

■ 25.7666, 0.2703,
0.3874

■ 30.2593, 0.3030,
0.3387

■ 25.0632, 0.2650,
0.4017


■ 31.8459, 0.3127,
0.3290


■ 24.5074, 0.2613,
0.4164

■ 33.6334, 0.3224,
0.3204


■ 24.0870, 0.2596,
0.4314

■ 35.6286, 0.3321,
0.3128


 23.7876, 0.2597,
0.4462

 37.8383, 0.3416,
0.3060

 23.5743, 0.2613,
0.4608

 40.2686, 0.3508,
0.3000

 42.9257, 0.3598,
0.2948

 45.8155, 0.3683,
0.2903

Harmonies

Analogous

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



27.6575, 0.3173, 0.3834



27.6575, 0.2850, 0.3611



27.6575, 0.2610, 0.3294

Triad

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



27.6575, 0.2850, 0.3611



27.6575, 0.2750, 0.2742



27.6575, 0.3792, 0.3527

Complementary

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



27.6575, 0.2850, 0.3611



18.7731, 0.3522, 0.2992

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.



27.6575, 0.3669, 0.3251



27.6575, 0.2850, 0.3611



27.6575, 0.3053, 0.2814

Square

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



27.6575, 0.2850, 0.3611



27.6575, 0.2555, 0.2802



27.6575, 0.3392, 0.2996



27.6575, 0.3725, 0.3761

Rectangle

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



27.6575, 0.2850, 0.3611



27.6575, 0.2523, 0.3088



27.6575, 0.3392, 0.2996



27.6575, 0.3772, 0.3436

Sweetspot

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



27.6586, 0.2850, 0.3611



54.4253, 0.3039, 0.3378



28.2356, 0.3271, 0.4094



11.9381, 0.3026, 0.3392



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.



27.6586, 0.2850, 0.3611



48.2704, 0.2796, 0.3695



26.7332, 0.2697, 0.3209



6.9855, 0.3038, 0.3379



19.4903, 0.2610, 0.4597



0.2985, 0.2435, 0.3967

Inverse Universe

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



18.7731, 0.3522, 0.2992



29.7618, 0.3644, 0.2923



19.3383, 0.3754, 0.3369



6.2607, 0.3225, 0.3203



5.8724, 0.5358, 0.2725



0.0946, 0.4351, 0.2170

Previews

White Background



This preview shows how the Yxy color 27.6575, 0.2850, 0.3611 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 27.6575, 0.2850, 0.3611 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 27.6575, 0.2850, 0.3611

Background



This preview shows how black text looks on a background with the Yxy color 27.6575, 0.2850, 0.3611.

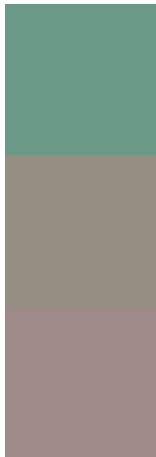


This preview shows how white text looks on a background with the Yxy color 27.6575, 0.2850, 0.3611.

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

27.6575, 0.2850, 0.3611

Protanopia

27.3205, 0.3336, 0.3502

Deuteranopia

27.3829, 0.3362, 0.3291



Tritanopia

27.5788, 0.2685, 0.3087

Trichromacy



Original Color

27.6575, 0.2850, 0.3611

Protanomaly

27.2648, 0.3147, 0.3544

Deuteranomaly

27.0265, 0.3154, 0.3389

Tritanomaly

27.4592, 0.2741, 0.3254

Monochromacy



Original Color

27.6575, 0.2850, 0.3611

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.8581, 0.3017, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6575, 0.2850, 0.3611 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, 153, 135)` looks like.

```
.text, #text, p{  
    color:rgb(107, 153, 135)  
}
```

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, 153, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 153, 135) }
```

Border

The CSS property to change the border of an element to Yxy 27.6575, 0.2850, 0.3611 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, 153, 135) }
```

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

```
.border{ border-color:rgb(107, 153, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 153, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 153, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 153, 135);  
box-shadow:4px 4px 4px 4px rgb(107, 153,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6575, 0.2850, 0.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 153, 135) }
```

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

```
.background{ background-color: rgb(107,  
153, 135) }
```

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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