

Converting Colors

$Y_{xy}(27.3970, 0.2883, 0.3629)$

Have a look what the booklet for
Yxy(27.3970, 0.2883, 0.3629)
contains.

Yxy(27.4011, 0.2883, 0.3629)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.4011, 0.2883, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	6D9885
RGB	109, 152, 133
RGB Percent	43%, 60%, 52%
CMY	0.5726, 0.4039, 0.4784
CMYK	0.28, 0.00, 0.12, 0.40
HSL	154°, 17%, 51%
HSV	154°, 28%, 60%
XYZ	21.7684, 27.4011, 26.3365
YIQ	136.9770, -19.5290, -15.0250

Conversions

Conversions Part 2

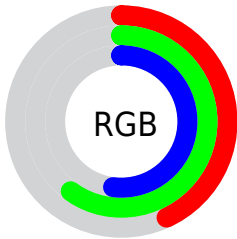
Format	Color
R_{YB}	109, 137, 152
Decimal	7182469
CIE _{Lab}	59.34, -18.84, 5.29
CIE _{LCh}	59, 19.572, 164.318
Yxy	27.4011, 0.2883, 0.3629
Android (android.graphics.Color)	4285372549 (0xFF6D9885)
YUV	136.9770, -1.9607, -24.5358
Hunter-Lab	52.3461, -17.3755, 6.8121

Details

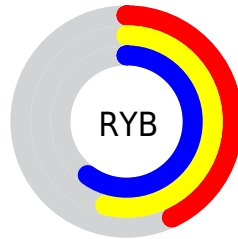
The Yxy color $27.4011, 0.2883, 0.3629$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $19.1694, 0.3464, 0.2976$, and the grayscale version is $25.0203, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.3692, 0.2939, 0.3551$, and $10.9081, 0.2790, 0.3750$ is the 20% darker color. If you saturate the color by 10%, you get $26.3406, 0.2808, 0.3771$, and if you desaturate by 10%, it is $28.6425, 0.2966, 0.3498$.

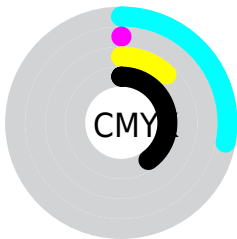
Distribution



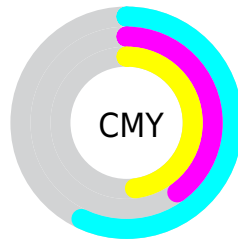
- Red (43%)
- Green (60%)
- Blue (52%)



- Red (43%)
- Yellow (54%)
- Blue (60%)



- Cyan (28%)
- Magenta (0%)
- Yellow (12%)
- Black (40%)





- Cyan (57%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.4011, 0.2883, 0.3629 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 27.4011, 0.2883, 0.3629 by changing the saturation by 10% instead.


 27.4011, 0.2883,
0.3629


 27.4011, 0.2883,
0.3629


289.5940, 0.3018,
0.3441


 17.8747, 0.2844,
0.3684


 55.5268, 0.2935,
0.3555


 10.8601, 0.2791,
0.3759


 74.8950, 0.2954,
0.3529

 5.9728, 0.2714,
0.3871

 98.3124, 0.2969,
0.3508

 2.8286, 0.2591,
0.4051

 126.1637, 0.2982,
0.3490

 1.0429, 0.2253,
0.4490

158.8330, 0.2993,
0.3475

 0.0000, 0.0000,
0.0000

196.7049, 0.3002,

0.3462

240.1638, 0.3011,
0.3451

■ 27.4011, 0.2883,
0.3629

■ 27.4011, 0.2883,
0.3629

■ 26.3406, 0.2808,
0.3771

■ 28.6425, 0.2966,
0.3498

■ 25.4487, 0.2743,
0.3924

■ 30.0694, 0.3053,
0.3379

■ 24.7169, 0.2691,
0.4086

■ 31.6908, 0.3142,
0.3273

■ 24.1349, 0.2655,
0.4253

■ 33.5138, 0.3233,
0.3177

■ 23.6905, 0.2638,
0.4423

■ 35.5453, 0.3322,
0.3093

■ 23.3701, 0.2640,
0.4591

■ 37.7918, 0.3409,
0.3019

■ 23.1469, 0.2658,
0.4754

■ 40.2595, 0.3493,
0.2954

■ 23.1119, 0.2662,
0.4782

■ 42.9544, 0.3573,
0.2897

■ 45.8823, 0.3651,
0.2847

Harmonies

Analogous

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



27.4011, 0.3202, 0.3833



27.4011, 0.2883, 0.3629



27.4011, 0.2637, 0.3324

Triad

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



27.4011, 0.2883, 0.3629



27.4011, 0.2735, 0.2753



27.4011, 0.3774, 0.3498

Complementary

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



27.4011, 0.2883, 0.3629



19.1694, 0.3464, 0.2976

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.



27.4011, 0.3637, 0.3227



27.4011, 0.2883, 0.3629



27.4011, 0.3025, 0.2812

Square

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



27.4011, 0.2883, 0.3629



27.4011, 0.2556, 0.2825



27.4011, 0.3357, 0.2982



27.4011, 0.3725, 0.3734

Rectangle

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



27.4011, 0.2883, 0.3629



27.4011, 0.2544, 0.3119



27.4011, 0.3357, 0.2982



27.4011, 0.3748, 0.3408

Sweetspot

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



27.4022, 0.2883, 0.3629



53.1106, 0.3054, 0.3378



28.1778, 0.3286, 0.4036



11.9854, 0.3042, 0.3394



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.



27.4022, 0.2883, 0.3629



47.1369, 0.2834, 0.3718



27.2837, 0.2724, 0.3252



6.9804, 0.3045, 0.3390



19.3841, 0.2659, 0.4771



0.2971, 0.2465, 0.4074

Inverse Universe

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



19.1694, 0.3464, 0.2976



30.1449, 0.3566, 0.2902



19.1797, 0.3715, 0.3328



6.2657, 0.3218, 0.3192



5.9441, 0.5155, 0.2613



0.0960, 0.4207, 0.2091

Previews

White Background



This preview shows how the Yxy color 27.4011, 0.2883, 0.3629 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 27.4011, 0.2883, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

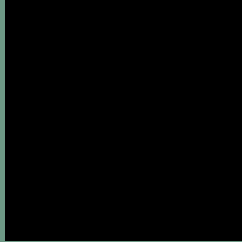
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

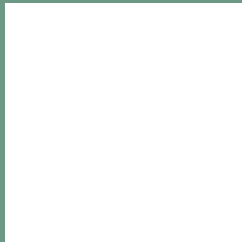
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.4011, 0.2883, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 27.4011, 0.2883, 0.3629.



This preview shows how white text looks on a background with the Yxy color 27.4011, 0.2883, 0.3629.

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

27.4011, 0.2883, 0.3629

Protanopia

27.2004, 0.3335, 0.3519

Deuteranopia

27.2236, 0.3372, 0.3322



Tritanopia

27.3627, 0.2708, 0.3087

Trichromacy



Original Color

27.4011, 0.2883, 0.3629

Protanomaly

27.2378, 0.3156, 0.3561

Deuteranomaly

26.9696, 0.3174, 0.3423

Tritanomaly

27.2076, 0.2773, 0.3272

Monochromacy



Original Color

27.4011, 0.2883, 0.3629

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.6356, 0.3027, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4011, 0.2883, 0.3629 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(109, 152, 133)` looks like.

```
.text, #text, p{  
    color:rgb(109, 152, 133)  
}
```

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(109, 152, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 152, 133) }
```

Border

The CSS property to change the border of an element to Yxy 27.4011, 0.2883, 0.3629 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(109, 152, 133) }
```

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

```
.border{ border-color:rgb(109, 152, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 152, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 152, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 152, 133);  
box-shadow:4px 4px 4px 4px rgb(109, 152,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4011, 0.2883, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 152, 133) }
```

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

```
.background{ background-color: rgb(109,  
152, 133) }
```

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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