

Converting Colors

$Y_{xy}(24.3959, 0.2891, 0.3627)$

Have a look what the booklet for
Yxy(24.3959, 0.2891, 0.3627)
contains.

Yxy(24.3959, 0.2891, 0.3627)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(24.3959, 0.2891, 0.3627)$

Conversions

Conversions Part 1

Format	Color
Hex	68907E
RGB	104, 144, 126
RGB Percent	41%, 56%, 49%
CMY	0.5923, 0.4353, 0.5059
CMYK	0.28, 0.00, 0.13, 0.44
HSL	153°, 16%, 49%
HSV	153°, 28%, 56%
XYZ	19.4454, 24.3959, 23.4206
YIQ	129.9880, -18.0620, -14.0780

Conversions

Conversions Part 2

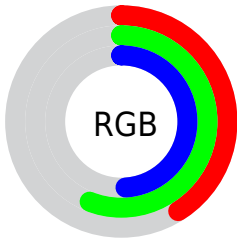
Format	Color
RYB	104, 130, 144
Decimal	6852734
CIELab	56.48, -17.80, 5.14
CIELCh	56, 18.528, 163.906
Yxy	24.3959, 0.2891, 0.3627
Android (android.graphics.Color)	4285042814 (0xFF68907E)
YUV	129.9880, -1.9661, -22.7915
Hunter-Lab	49.3922, -16.1620, 6.4606

Details

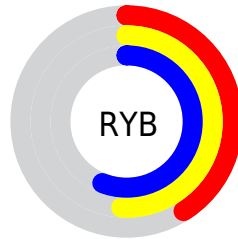
The Yxy color **24.3959, 0.2891, 0.3627** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.2304, 0.3449, 0.2977**, and the grayscale version is **22.3291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.7108, 0.2941, 0.3547**, and **9.1767, 0.2795, 0.3755** is the 20% darker color. If you saturate the color by 10%, you get **23.4458, 0.2816, 0.3771**, and if you desaturate by 10%, it is **25.5060, 0.2973, 0.3495**.

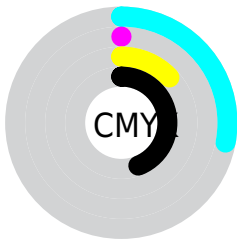
Distribution



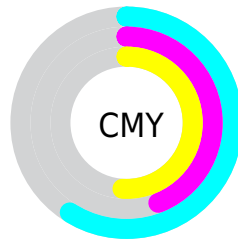
- Red (41%)
- Green (56%)
- Blue (49%)



- Red (41%)
- Yellow (51%)
- Blue (56%)



- Cyan (28%)
- Magenta (0%)
- Yellow (13%)
- Black (44%)





- Cyan (59%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3959, 0.2891, 0.3627 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 24.3959, 0.2891, 0.3627 by changing the saturation by 10% instead.


 24.3959, 0.2891,
0.3627


 24.3959, 0.2891,
0.3627


274.8160, 0.3024,
0.3437


 15.6276, 0.2852,
0.3684


 50.6755, 0.2943,
0.3552


 9.2610, 0.2797,
0.3764


 68.9555, 0.2962,
0.3525

 4.9118, 0.2716,
0.3884

 91.1749, 0.2977,
0.3504

 2.1956, 0.2582,
0.4085

 117.7180, 0.2989,
0.3486

 0.7176, 0.1784,
0.5172

148.9693, 0.3000,
0.3471

 0.0000, 0.0000,
0.0000

185.3131, 0.3009,

0.3458

227.1339, 0.3017,
0.3446

■ 24.3959, 0.2891,
0.3627

■ 24.3959, 0.2891,
0.3627

■ 23.4458, 0.2816,
0.3771

■ 25.5060, 0.2973,
0.3495

■ 22.6450, 0.2752,
0.3926

■ 26.7802, 0.3059,
0.3375

■ 21.9862, 0.2700,
0.4089

■ 28.2263, 0.3147,
0.3267

■ 21.4602, 0.2663,
0.4259

■ 29.8506, 0.3235,
0.3171

■ 21.0567, 0.2645,
0.4431

■ 31.6590, 0.3322,
0.3086

■ 20.7637, 0.2646,
0.4601

■ 33.6573, 0.3407,
0.3011

■ 20.5582, 0.2664,
0.4768

■ 35.8509, 0.3490,
0.2946

■ 20.5168, 0.2668,
0.4804

■ 38.2450, 0.3569,
0.2888

■ 40.8448, 0.3644,
0.2838

Harmonies

Analogous

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



24.3959, 0.3206, 0.3826



24.3959, 0.2891, 0.3627



24.3959, 0.2648, 0.3328

Triad

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



24.3959, 0.2891, 0.3627



24.3959, 0.2738, 0.2761



24.3959, 0.3763, 0.3492

Complementary

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



24.3959, 0.2891, 0.3627



17.2304, 0.3449, 0.2977

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.



24.3959, 0.3626, 0.3225



24.3959, 0.2891, 0.3627



24.3959, 0.3022, 0.2818

Square

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



24.3959, 0.2891, 0.3627



24.3959, 0.2563, 0.2835



24.3959, 0.3349, 0.2984



24.3959, 0.3718, 0.3725

Rectangle

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



24.3959, 0.2891, 0.3627



24.3959, 0.2554, 0.3126



24.3959, 0.3349, 0.2984



24.3959, 0.3736, 0.3403

Sweetspot

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



24.3969, 0.2891, 0.3627



47.1409, 0.3055, 0.3379



25.0849, 0.3283, 0.4018



10.7351, 0.3043, 0.3395



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.



24.3969, 0.2891, 0.3627



42.0062, 0.2846, 0.3710



24.3035, 0.2732, 0.3253



6.0759, 0.3047, 0.3391



17.8688, 0.2665, 0.4795



0.1753, 0.2465, 0.4072

Inverse Universe

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



17.2304, 0.3449, 0.2977



27.3333, 0.3541, 0.2908



17.2322, 0.3698, 0.3327



5.4619, 0.3216, 0.3191



5.4982, 0.5112, 0.2590



0.0569, 0.4163, 0.2067

Previews

White Background



This preview shows how the Yxy color 24.3959, 0.2891, 0.3627 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 24.3959, 0.2891, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

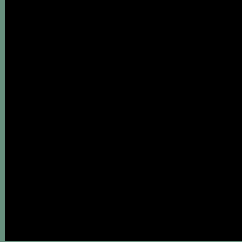
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3959, 0.2891, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 24.3959, 0.2891, 0.3627.



This preview shows how white text looks on a background with the Yxy color 24.3959, 0.2891, 0.3627.

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

24.3959, 0.2891, 0.3627

Protanopia

24.3711, 0.3346, 0.3530

Deuteranopia

24.0343, 0.3374, 0.3307



Tritanopia

24.2744, 0.2707, 0.3077

Trichromacy



Original Color

24.3959, 0.2891, 0.3627

Protanomaly

24.1962, 0.3170, 0.3556

Deuteranomaly

23.8730, 0.3178, 0.3412

Tritanomaly

24.1587, 0.2766, 0.3253

Monochromacy



Original Color

24.3959, 0.2891, 0.3627

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.9779, 0.3034, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3959, 0.2891, 0.3627 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(104, 144, 126)` looks like.

```
.text, #text, p{  
    color:rgb(104, 144, 126)  
}
```

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(104, 144, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 144, 126) }
```

Border

The CSS property to change the border of an element to Yxy 24.3959, 0.2891, 0.3627 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(104, 144, 126) }
```

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

```
.border{ border-color:rgb(104, 144, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 144, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 144, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 144, 126);  
box-shadow:4px 4px 4px 4px rgb(104, 144,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3959, 0.2891, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 144, 126) }
```

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

```
.background{ background-color: rgb(104,  
144, 126) }
```

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