

Converting Colors

$Y_{xy}(11.0922, 0.2843, 0.3859)$

Have a look what the booklet for
Yxy(11.0922, 0.2843, 0.3859)
contains.

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Color

$\text{Yxy}(11.0889, 0.2839, 0.3858)$

Conversions

Conversions Part 1

Format	Color
Hex	3D6651
RGB	61, 102, 81
RGB Percent	24%, 40%, 32%
CMY	0.7609, 0.6000, 0.6824
CMYK	0.40, 0.00, 0.21, 0.60
HSL	149°, 25%, 32%
HSV	149°, 40%, 40%
XYZ	8.1600, 11.0889, 9.4937
YIQ	87.3470, -17.6950, -15.2230

Conversions

Conversions Part 2

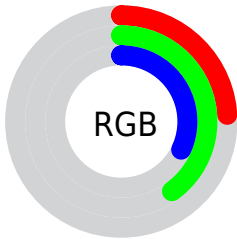
Format	Color
R_{YB}	61, 89, 102
Decimal	4023889
CIE _{Lab}	39.73, -19.64, 7.40
CIE _{LCh}	40, 20.988, 159.355
Yxy	11.0889, 0.2839, 0.3858
Android (android.graphics.Color)	4282213969 (0xFF3D6651)
YUV	87.3470, -3.1291, -23.1063
Hunter-Lab	33.3000, -14.5343, 6.4067

Details

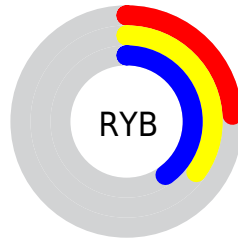
The Yxy color **11.0889, 0.2839, 0.3858** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6.7699, 0.3572, 0.2789**, and the grayscale version is **9.6187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7092, 0.2918, 0.3701**, and **2.9453, 0.2668, 0.4246** is the 20% darker color. If you saturate the color by 10%, you get **10.7206, 0.2783, 0.4031**, and if you desaturate by 10%, it is **11.5258, 0.2904, 0.3697**.

Distribution



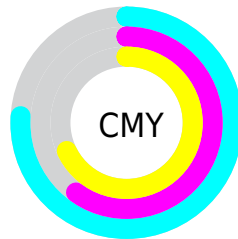
- Red (24%)
- Green (40%)
- Blue (32%)



- Red (24%)
- Yellow (35%)
- Blue (40%)



- Cyan (40%)
- Magenta (0%)
- Yellow (21%)
- Black (60%)





- Cyan (76%)
- Magenta (60%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0889, 0.2839, 0.3858 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 11.0889, 0.2839, 0.3858 by changing the saturation by 10% instead.


 11.0889, 0.2839,
0.3858


 11.0889, 0.2839,
0.3858


198.2764, 0.3022,
0.3497


 6.1267, 0.2771,
0.3994

 27.8244, 0.2919,
0.3700


 2.9223, 0.2660,
0.4214


 40.3665, 0.2944,
0.3649

 1.0913, 0.2376,
0.4763

 56.2040, 0.2964,
0.3610

 0.0000, 0.0000,
0.0000

 75.7213, 0.2980,
0.3579

 99.3028, 0.2993,
0.3553

 127.3329, 0.3004,

0.3531

160.1960, 0.3014,
0.3513

■ 11.0889, 0.2839,
0.3858

■ 11.0889, 0.2839,
0.3858

■ 10.7206, 0.2783,
0.4031

■ 11.5258, 0.2904,
0.3697

■ 10.4158, 0.2739,
0.4212

■ 12.0332, 0.2974,
0.3549

■ 10.1710, 0.2709,
0.4400


■ 12.6147, 0.3049,
0.3414

■ 9.9817, 0.2695,
0.4589

■ 13.2732, 0.3126,
0.3292


■ 9.8428, 0.2699,
0.4775

■ 14.0116, 0.3202,
0.3184

 9.7320, 0.2710,
0.4954

 14.8324, 0.3278,
0.3087

 15.7383, 0.3352,
0.3002

 16.7315, 0.3423,
0.2927

 17.8144, 0.3492,
0.2860

Harmonies

Analogous

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



11.0889, 0.3302, 0.4122



11.0889, 0.2839, 0.3858



11.0889, 0.2472, 0.3408

Triad

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



11.0889, 0.2839, 0.3858



11.0889, 0.2512, 0.2534



11.0889, 0.4054, 0.3506

Complementary

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



11.0889, 0.2839, 0.3858



6.7699, 0.3572, 0.2789

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.



11.0889, 0.3812, 0.3130



11.0889, 0.2839, 0.3858



11.0889, 0.2897, 0.2593

Square

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



11.0889, 0.2839, 0.3858



11.0889, 0.2297, 0.2654



11.0889, 0.3376, 0.2806



11.0889, 0.4020, 0.3862

Rectangle

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



11.0889, 0.2839, 0.3858



11.0889, 0.2323, 0.3099



11.0889, 0.3376, 0.2806



11.0889, 0.4002, 0.3379

Sweetspot

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



11.0894, 0.2839, 0.3858



21.8927, 0.3033, 0.3442



11.6424, 0.3377, 0.4326



5.1448, 0.3027, 0.3452



53.8236, 0.3127, 0.3290



5.4972, 0.3127, 0.3290

Same Dimension

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



11.0894, 0.2839, 0.3858



18.8493, 0.2787, 0.4016



11.4413, 0.2612, 0.3306



3.1628, 0.3059, 0.3397



12.4898, 0.2716, 0.4977



64.9654, 0.2744, 0.5077

Inverse Universe

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



6.7699, 0.3572, 0.2789



10.1548, 0.3720, 0.2677



6.5049, 0.4033, 0.3276



2.8676, 0.3201, 0.3185



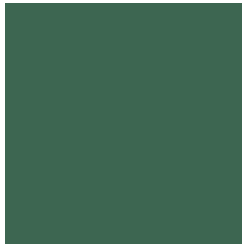
3.9413, 0.4823, 0.2430



20.3786, 0.4943, 0.2497

Previews

White Background



This preview shows how the Yxy color 11.0889, 0.2839, 0.3858 looks on a white 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

Black Background



This preview shows how the Yxy color 11.0889, 0.2839, 0.3858 looks on a black 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

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

Yxy 11.0889, 0.2839, 0.3858

Background



This preview shows how black text looks on a background with the Yxy color 11.0889, 0.2839, 0.3858.



This preview shows how white text looks on a background with the Yxy color 11.0889, 0.2839, 0.3858.

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

11.0889, 0.2839, 0.3858

Protanopia

11.0172, 0.3465, 0.3670

Deuteranopia

11.0166, 0.3485, 0.3428



Tritanopia

11.1576, 0.2617, 0.3114

Trichromacy



Original Color

11.0889, 0.2839, 0.3858

Protanomaly

10.8471, 0.3213, 0.3745

Deuteranomaly

10.8036, 0.3224, 0.3561

Tritanomaly

11.1012, 0.2697, 0.3366

Monochromacy



Original Color

11.0889, 0.2839, 0.3858

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.9299, 0.3010, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0889, 0.2839, 0.3858 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(61, 102, 81)` looks like.

```
.text, #text, p{  
    color:rgb(61, 102, 81)  
}
```

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(61, 102, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 102, 81) }
```

Border

The CSS property to change the border of an element to Yxy 11.0889, 0.2839, 0.3858 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(61, 102, 81) }
```

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

```
.border{ border-color:rgb(61, 102, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 102, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 102, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 102, 81);  
box-shadow:4px 4px 4px 4px rgb(61, 102,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0889, 0.2839, 0.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 102, 81) }
```

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

```
.background{ background-color: rgb(61, 102,  
81) }
```

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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