

Converting Colors

$Y_{xy}(11.3293, 0.4339, 0.2828)$

Have a look what the booklet for
Yxy(11.3293, 0.4339, 0.2828)
contains.

| | |
|---|----|
| Yxy(11.2859, 0.4337, 0.2819) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(11.2859, 0.4337, 0.2819)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9C3E5C |
| RGB | 156, 62, 92 |
| RGB Percent | 61%, 24%, 36% |
| CMY | 0.3883, 0.7568, 0.6393 |
| CMYK | 0.00, 0.60, 0.41, 0.39 |
| HSL | 341°, 43%, 43% |
| HSV | 341°, 60%, 61% |
| XYZ | 17.3632, 11.2859, 11.3860 |
| YIQ | 93.5260, 46.3940, 29.2580 |

Conversions

Conversions Part 2

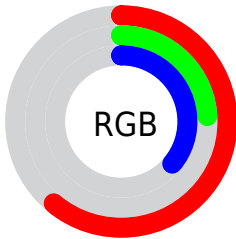
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 156, 62, 92 |
| Decimal | 10239580 |
| CIE _{Lab} | 40.06, 42.08, 2.43 |
| CIE _{LCh} | 40, 42.146, 3.300 |
| Yxy | 11.2859, 0.4337, 0.2819 |
| Android (android.graphics.Color) | 4288429660 (0xFF9C3E5C) |
| YUV | 93.5260, -0.7523, 54.7897 |
| Hunter-Lab | 33.5945, 33.4669, 3.4213 |

Details

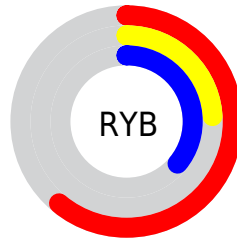
The Yxy color **11.2859, 0.4337, 0.2819** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **26.3058, 0.2601, 0.3878**, and the grayscale version is **11.0706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2838, 0.4027, 0.2948**, and **3.0291, 0.5002, 0.2571** is the 20% darker color. If you saturate the color by 10%, you get **9.6533, 0.4666, 0.2780**, and if you desaturate by 10%, it is **13.4327, 0.4042, 0.2883**.

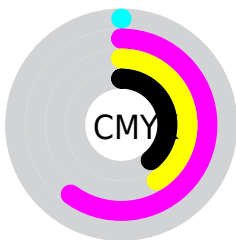
Distribution



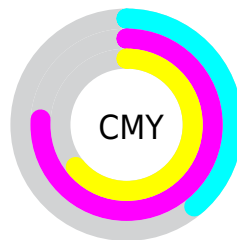
- Red (61%)
- Green (24%)
- Blue (36%)



- Red (61%)
- Yellow (24%)
- Blue (36%)



- Cyan (0%)
- Magenta (60%)
- Yellow (41%)
- Black (39%)





- Cyan (39%)
- Magenta (76%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2859, 0.4337, 0.2819 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 11.2859, 0.4337, 0.2819 by changing the saturation by 10% instead.


 11.2859, 0.4337,
0.2819


 11.2859, 0.4337,
0.2819


199.6186, 0.3593,
0.3114


 6.2595, 0.4593,
0.2714


 28.1876, 0.4022,
0.2946


 3.0035, 0.4980,
0.2553

 40.8318, 0.3918,
0.2987


 1.1336, 0.5623,
0.2278

 56.7839, 0.3836,
0.3019

 0.0064, 0.9939,
0.0061

 76.4284, 0.3769,
0.3045

 0.0000, 0.0000,
0.0000

 100.1498, 0.3714,
0.3067

128.3323, 0.3667,

0.3085

161.3605, 0.3628,
0.3100

■ 11.2859, 0.4337,
0.2819

■ 11.2859, 0.4337,
0.2819

■ 9.6533, 0.4666,
0.2780

■ 13.4327, 0.4042,
0.2883

■ 8.4892, 0.5014,
0.2778

■ 16.1309, 0.3787,
0.2961

■ 7.7425, 0.5355,
0.2820

■ 19.4161, 0.3573,
0.3045

■ 7.2953, 0.5662,
0.2893

■ 23.3206, 0.3396,
0.3129

■ 27.8741, 0.3249,
0.3211

■ 33.1046, 0.3130,
0.3288

■ 39.0382, 0.3032,
0.3360

■ 45.7000, 0.2951,
0.3426

■ 53.1134, 0.2885,
0.3486

Harmonies

Analogous

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



11.2859, 0.3389, 0.2309



11.2859, 0.4337, 0.2819



11.2859, 0.4915, 0.3438

Triad

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



11.2859, 0.4337, 0.2819



11.2859, 0.3545, 0.5045



11.2859, 0.1595, 0.2143

Complementary

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



11.2859, 0.4337, 0.2819



26.3058, 0.2601, 0.3878

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.



11.2859, 0.1616, 0.2728



11.2859, 0.4337, 0.2819



11.2859, 0.2675, 0.4678

Square

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



11.2859, 0.4337, 0.2819



11.2859, 0.4353, 0.4721



11.2859, 0.1977, 0.3692



11.2859, 0.1884, 0.1923

Rectangle

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



11.2859, 0.4337, 0.2819



11.2859, 0.4962, 0.3877



11.2859, 0.1977, 0.3692



11.2859, 0.1567, 0.2294

Sweetspot

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



11.2865, 0.4337, 0.2819



43.8319, 0.3366, 0.3145



10.1818, 0.2740, 0.1729



9.1814, 0.3409, 0.3122



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



11.2865, 0.4337, 0.2819



16.7743, 0.4776, 0.2775



12.8182, 0.4771, 0.3539



6.6793, 0.3237, 0.3219



6.0155, 0.5643, 0.2882



0.1148, 0.4632, 0.2325

Inverse Universe

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



11.2865, 0.4337, 0.2819



16.7743, 0.4776, 0.2775



22.2772, 0.2337, 0.2989



6.6793, 0.3237, 0.3219



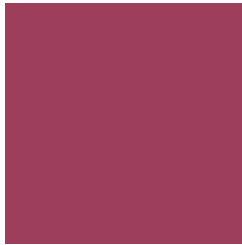
6.0155, 0.5643, 0.2882



0.1148, 0.4632, 0.2325

Previews

White Background



This preview shows how the Yxy color 11.2859, 0.4337, 0.2819 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 11.2859, 0.4337, 0.2819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

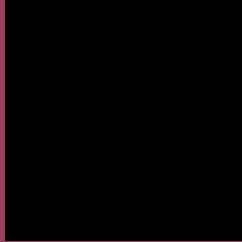
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2859, 0.4337, 0.2819

Background



This preview shows how black text looks on a background with the Yxy color 11.2859, 0.4337, 0.2819.

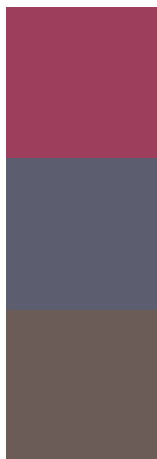


This preview shows how white text looks on a background with the Yxy color 11.2859, 0.4337, 0.2819.

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

11.2859, 0.4337, 0.2819

Protanopia

11.4284, 0.2867, 0.2903

Deuteranopia

11.4682, 0.3446, 0.3403



Tritanopia

11.2214, 0.4703, 0.3216

Trichromacy



Original Color

11.2859, 0.4337, 0.2819

Protanomaly

10.6789, 0.3333, 0.2828

Deuteranomaly

10.9661, 0.3768, 0.3129

Tritanomaly

11.3137, 0.4567, 0.3072

Monochromacy



Original Color

11.2859, 0.4337, 0.2819

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.6068, 0.3554, 0.3058

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2859, 0.4337, 0.2819 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(156, 62, 92)` looks like.

```
.text, #text, p{  
    color:rgb(156, 62, 92)  
}
```

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(156, 62, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 62, 92) }
```

Border

The CSS property to change the border of an element to Yxy 11.2859, 0.4337, 0.2819 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(156, 62, 92) }
```

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

```
.border{ border-color:rgb(156, 62, 92) }
```

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

Here you see how a box with a 4 pixel rgb(156, 62, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 62, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 62, 92);  
box-shadow:4px 4px 4px 4px rgb(156, 62,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2859, 0.4337, 0.2819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 62, 92) }
```

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

```
.background{ background-color: rgb(156, 62,  
92) }
```

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