

Converting Colors

$Y_{xy}(12.0151, 0.4390, 0.2676)$

Have a look what the booklet for
Yxy(12.0151, 0.4390, 0.2676)
contains.

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Color

Yxy(11.9447, 0.4393, 0.2677)

Conversions

Conversions Part 1

Format	Color
Hex	A73863
RGB	167, 56, 99
RGB Percent	65%, 22%, 39%
CMY	0.3451, 0.7803, 0.6118
CMYK	0.00, 0.66, 0.41, 0.35
HSL	337°, 50%, 44%
HSV	337°, 66%, 65%
XYZ	19.6014, 11.9447, 13.0736
YIQ	94.0910, 52.3530, 36.9050

Conversions

Conversions Part 2

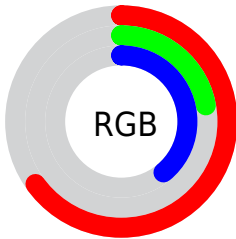
Format	Color
R_{YB}	167, 56, 99
Decimal	10958947
CIE _{Lab}	41.13, 49.16, -0.17
CIE _{LCh}	41, 49.165, 359.801
Yxy	11.9447, 0.4393, 0.2677
Android (android.graphics.Color)	4289149027 (0xFFA73863)
YUV	94.0910, 2.4201, 63.9412
Hunter-Lab	34.5611, 40.7549, 1.7649

Details

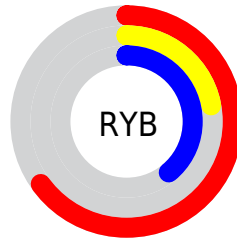
The Yxy color **11.9447, 0.4393, 0.2677** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **29.9327, 0.2620, 0.4108**, and the grayscale version is **11.2021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.5226, 0.4070, 0.2831**, and **3.5720, 0.4936, 0.2493** is the 20% darker color. If you saturate the color by 10%, you get **10.4039, 0.4698, 0.2647**, and if you desaturate by 10%, it is **14.0515, 0.4111, 0.2741**.

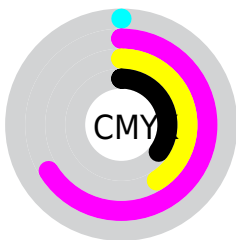
Distribution



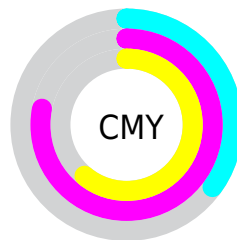
- Red (65%)
- Green (22%)
- Blue (39%)



- Red (65%)
- Yellow (22%)
- Blue (39%)



- Cyan (0%)
- Magenta (66%)
- Yellow (41%)
- Black (35%)



- Cyan (35%)
- Magenta (78%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9447, 0.4393, 0.2677 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 11.9447, 0.4393, 0.2677 by changing the saturation by 10% instead.


 11.9447, 0.4393,
0.2677


 11.9447, 0.4393,
0.2677


204.0388, 0.3625,
0.3049


 6.7060, 0.4649,
0.2553


 29.3943, 0.4072,
0.2832


 3.2789, 0.5030,
0.2369

 42.3741, 0.3965,
0.2884

 1.2790, 0.5646,
0.2073

 58.7030, 0.3880,
0.2925

 0.1249, 0.8383,
0.0740

 78.7655, 0.3810,
0.2959

 0.0000, 1.0000,
0.0000

 102.9460, 0.3752,
0.2987

 0.0000, 0.0000,
0.0000

 131.6287, 0.3703,

0.3011

165.1982, 0.3661,
0.3031

■ 11.9447, 0.4393,
0.2677

■ 11.9447, 0.4393,
0.2677

■ 10.4039, 0.4698,
0.2647

■ 14.0515, 0.4111,
0.2741

■ 9.3702, 0.5010,
0.2663

■ 16.7716, 0.3862,
0.2828

■ 8.7643, 0.5308,
0.2728

■ 20.1497, 0.3648,
0.2927

■ 8.5927, 0.5412,
0.2755

■ 24.2256, 0.3468,
0.3030

■ 29.0359, 0.3318,
0.3132

■ 34.6147, 0.3195,
0.3230

■ 40.9939, 0.3093,
0.3322

■ 48.2037, 0.3010,
0.3407

■ 56.2726, 0.2941,
0.3485

Harmonies

Analogous

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



11.9447, 0.3285, 0.2144



11.9447, 0.4393, 0.2677



11.9447, 0.5120, 0.3336

Triad

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



11.9447, 0.4393, 0.2677



11.9447, 0.3670, 0.5283



11.9447, 0.1416, 0.2047

Complementary

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



11.9447, 0.4393, 0.2677



29.9327, 0.2620, 0.4108

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.



11.9447, 0.1470, 0.2737



11.9447, 0.4393, 0.2677



11.9447, 0.2698, 0.5010

Square

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



11.9447, 0.4393, 0.2677



11.9447, 0.4559, 0.4786



11.9447, 0.1896, 0.3890



11.9447, 0.1689, 0.1780

Rectangle

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



11.9447, 0.4393, 0.2677



11.9447, 0.5208, 0.3809



11.9447, 0.1896, 0.3890



11.9447, 0.1397, 0.2223

Sweetspot

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



11.9453, 0.4393, 0.2677



48.4800, 0.3373, 0.3093



9.8013, 0.2583, 0.1534



10.3300, 0.3414, 0.3065



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



11.9453, 0.4393, 0.2677



17.6033, 0.4854, 0.2649



12.5284, 0.5132, 0.3445



7.5886, 0.3227, 0.3203



6.5847, 0.5387, 0.2741



0.1703, 0.4521, 0.2264

Inverse Universe

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



11.9453, 0.4393, 0.2677



17.6033, 0.4854, 0.2649



27.3735, 0.2311, 0.3089



7.5886, 0.3227, 0.3203



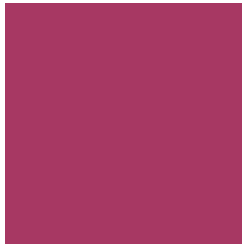
6.5847, 0.5387, 0.2741



0.1703, 0.4521, 0.2264

Previews

White Background



This preview shows how the Yxy color 11.9447, 0.4393, 0.2677 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 11.9447, 0.4393, 0.2677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

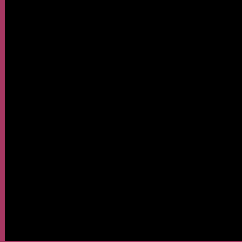
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9447, 0.4393, 0.2677

Background



This preview shows how black text looks on a background with the Yxy color 11.9447, 0.4393, 0.2677.



This preview shows how white text looks on a background with the Yxy color 11.9447, 0.4393, 0.2677.

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

11.9447, 0.4393, 0.2677

Protanopia

12.2288, 0.2703, 0.2703

Deuteranopia

12.2438, 0.3360, 0.3313



Tritanopia

11.9596, 0.4959, 0.3239

Trichromacy



Original Color

11.9447, 0.4393, 0.2677

Protanomaly

11.1943, 0.3223, 0.2630

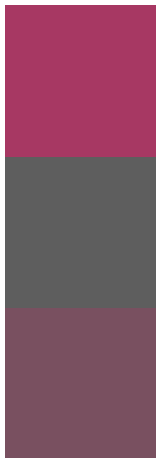
Deuteranomaly

11.4752, 0.3727, 0.2999

Tritanomaly

11.9032, 0.4764, 0.3024

Monochromacy



Original Color

11.9447, 0.4393, 0.2677

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.6468, 0.3578, 0.2961

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9447, 0.4393, 0.2677 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(167, 56, 99)` looks like.

```
.text, #text, p{  
    color:rgb(167, 56, 99)  
}
```

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(167, 56, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 56, 99) }
```

Border

The CSS property to change the border of an element to Yxy 11.9447, 0.4393, 0.2677 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(167, 56, 99) }
```

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

```
.border{ border-color:rgb(167, 56, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 56, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 56, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 56, 99);  
box-shadow:4px 4px 4px 4px rgb(167, 56,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9447, 0.4393, 0.2677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 56, 99) }
```

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

```
.background{ background-color: rgb(167, 56,  
99) }
```

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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