

Converting Colors

$Y_{xy}(11.1134, 0.3499, 0.2343)$

Have a look what the booklet for
Yxy(11.1134, 0.3499, 0.2343)
contains.

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Color

Yxy(11.1702, 0.3508, 0.2350)

Conversions

Conversions Part 1

Format	Color
Hex	8E437A
RGB	142, 67, 122
RGB Percent	56%, 26%, 48%
CMY	0.4432, 0.7372, 0.5216
CMYK	0.00, 0.53, 0.14, 0.44
HSL	316°, 36%, 41%
HSV	316°, 53%, 56%
XYZ	16.6745, 11.1702, 19.6881
YIQ	95.6950, 27.0450, 33.0050

Conversions

Conversions Part 2

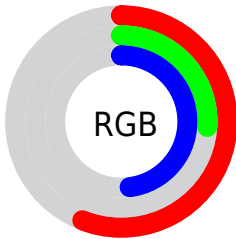
Format	Color
R_{YB}	142, 67, 122
Decimal	9323386
CIE _{Lab}	39.87, 39.10, -16.78
CIE _{LCh}	40, 42.549, 336.781
Yxy	11.1702, 0.3508, 0.2350
Android (android.graphics.Color)	4287513466 (0xFF8E437A)
YUV	95.6950, 12.9684, 40.6095
Hunter-Lab	33.4218, 30.5672, -11.5311

Details

The Yxy color **11.1702, 0.3508, 0.2350** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **21.2266, 0.2896, 0.4485**, and the grayscale version is **11.5834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9223, 0.3412, 0.2558**, and **2.9465, 0.3657, 0.1961** is the 20% darker color. If you saturate the color by 10%, you get **9.5922, 0.3608, 0.2204**, and if you desaturate by 10%, it is **13.1670, 0.3416, 0.2518**.

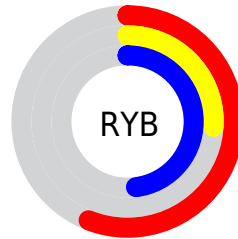
Distribution



Red (56%)

Green (26%)

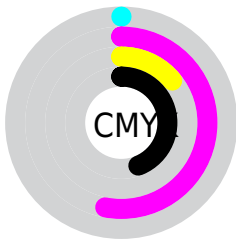
Blue (48%)



Red (56%)

Yellow (26%)

Blue (48%)

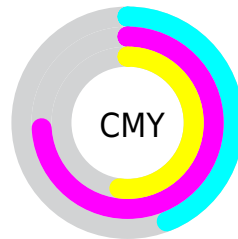


Cyan (0%)

Magenta (53%)

Yellow (14%)

Black (44%)



Cyan (44%)


Magenta (74%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1702, 0.3508, 0.2350 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 11.1702, 0.3508, 0.2350 by changing the saturation by 10% instead.


 11.1702, 0.3508,
0.2350


 11.1702, 0.3508,
0.2350


198.8315, 0.3291,
0.2890


 6.1814, 0.3572,
0.2187


 27.9745, 0.3422,
0.2566


 2.9557, 0.3661,
0.1958

 40.5588, 0.3392,
0.2640


 1.1087, 0.3790,
0.1618

 56.4437, 0.3368,
0.2701

 0.0000, 0.4467,
0.0000

 76.0136, 0.3347,
0.2752

 0.0000, 0.0000,
0.0000

 99.6530, 0.3330,
0.2794

127.7462, 0.3315,

0.2831

160.6775, 0.3303,
0.2862

■ 11.1702, 0.3508,
0.2350

■ 11.1702, 0.3508,
0.2350

■ 9.5922, 0.3608,
0.2204

■ 13.1670, 0.3416,
0.2518

■ 8.4004, 0.3713,
0.2089

■ 15.6086, 0.3333,
0.2698

■ 7.5603, 0.3820,
0.2014

■ 18.5210, 0.3260,
0.2882

■ 7.0304, 0.3926,
0.1984

■ 21.9276, 0.3196,
0.3065

■ 6.7524, 0.4003,
0.1979

■ 25.8502, 0.3141,
0.3242

■ 30.3094, 0.3094,
0.3410

■ 35.3246, 0.3055,
0.3567

■ 40.9143, 0.3021,
0.3713

■ 47.0961, 0.2993,
0.3848

Harmonies

Analogous

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



11.1702, 0.2577, 0.2005



11.1702, 0.3508, 0.2350



11.1702, 0.4448, 0.2881

Triad

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



11.1702, 0.3508, 0.2350



11.1702, 0.4280, 0.4797



11.1702, 0.1581, 0.2630

Complementary

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



11.1702, 0.3508, 0.2350



21.2266, 0.2896, 0.4485

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.



11.1702, 0.1902, 0.3570



11.1702, 0.3508, 0.2350



11.1702, 0.3444, 0.5067

Square

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



11.1702, 0.3508, 0.2350



11.1702, 0.4864, 0.4181



11.1702, 0.2572, 0.4604



11.1702, 0.1597, 0.2087

Rectangle

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



11.1702, 0.3508, 0.2350



11.1702, 0.4861, 0.3296



11.1702, 0.2572, 0.4604



11.1702, 0.1649, 0.2903

Sweetspot

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



11.1707, 0.3508, 0.2350



36.4515, 0.3217, 0.3001



7.9946, 0.2385, 0.1762



7.9011, 0.3229, 0.2969



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



11.1707, 0.3508, 0.2350



16.5587, 0.3623, 0.2185



10.4137, 0.4233, 0.2982



5.4868, 0.3175, 0.3130



6.0662, 0.3999, 0.1976



0.0617, 0.3568, 0.1739

Inverse Universe

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



11.1707, 0.3508, 0.2350



16.5587, 0.3623, 0.2185



22.0062, 0.2596, 0.3648



5.4868, 0.3175, 0.3130



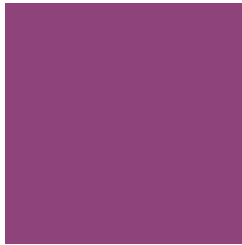
6.0662, 0.3999, 0.1976



0.0617, 0.3568, 0.1739

Previews

White Background



This preview shows how the Yxy color 11.1702, 0.3508, 0.2350 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 11.1702, 0.3508, 0.2350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

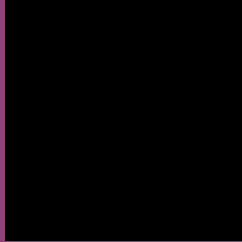
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1702, 0.3508, 0.2350

Background



This preview shows how black text looks on a background with the Yxy color 11.1702, 0.3508, 0.2350.



This preview shows how white text looks on a background with the Yxy color 11.1702, 0.3508, 0.2350.

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

11.1702, 0.3508, 0.2350

Protanopia

11.4014, 0.2364, 0.2258

Deuteranopia

11.4120, 0.2779, 0.2734



Tritanopia

11.1814, 0.4151, 0.3182

Trichromacy



Original Color

11.1702, 0.3508, 0.2350

Protanomaly

10.8566, 0.2684, 0.2257

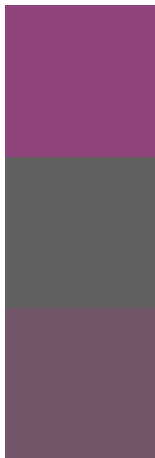
Deuteranomaly

10.9876, 0.3020, 0.2567

Tritanomaly

11.1171, 0.3898, 0.2854

Monochromacy



Original Color

11.1702, 0.3508, 0.2350

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.0276, 0.3278, 0.2867

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1702, 0.3508, 0.2350 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(142, 67, 122)` looks like.

```
.text, #text, p{  
    color:rgb(142, 67, 122)  
}
```

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(142, 67, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 67, 122) }
```

Border

The CSS property to change the border of an element to Yxy 11.1702, 0.3508, 0.2350 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(142, 67, 122) }
```

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

```
.border{ border-color:rgb(142, 67, 122) }
```

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

Here you see how a box with a 4 pixel rgb(142, 67, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 67, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 67, 122);  
box-shadow:4px 4px 4px 4px rgb(142, 67,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1702, 0.3508, 0.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 67, 122) }
```

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

```
.background{ background-color: rgb(142, 67,  
122) }
```

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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