

Converting Colors

$Y_{xy}(11.0632, 0.3974, 0.2565)$

Have a look what the booklet for
Yxy(11.0632, 0.3974, 0.2565)
contains.

Yxy(11.0652, 0.3972, 0.2572)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.0652, 0.3972, 0.2572)

Conversions

Conversions Part 1

Format	Color
Hex	973E6A
RGB	151, 62, 106
RGB Percent	59%, 24%, 42%
CMY	0.4078, 0.7569, 0.5843
CMYK	0.00, 0.59, 0.30, 0.41
HSL	330°, 42%, 42%
HSV	330°, 59%, 59%
XYZ	17.0882, 11.0652, 14.8683
YIQ	93.6270, 38.9200, 32.5520

Conversions

Conversions Part 2

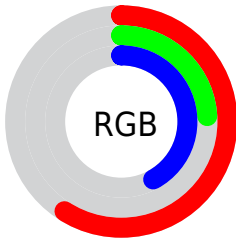
Format	Color
R_{YB}	151, 62, 106
Decimal	9911914
CIE _{Lab}	39.69, 42.16, -6.97
CIE _{LCh}	40, 42.729, 350.608
Yxy	11.0652, 0.3972, 0.2572
Android (android.graphics.Color)	4288101994 (0xFF973E6A)
YUV	93.6270, 6.0999, 50.3161
Hunter-Lab	33.2644, 33.4845, -3.2160

Details

The Yxy color **11.0652, 0.3972, 0.2572** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **24.2237, 0.2723, 0.4199**, and the grayscale version is **11.0792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8788, 0.3764, 0.2753**, and **2.9223, 0.4400, 0.2235** is the 20% darker color. If you saturate the color by 10%, you get **9.4937, 0.4196, 0.2490**, and if you desaturate by 10%, it is **13.1083, 0.3770, 0.2680**.

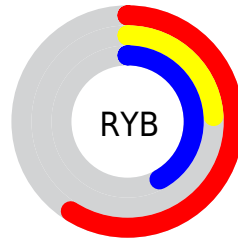
Distribution



Red (59%)

Green (24%)

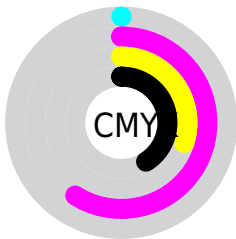
Blue (42%)



Red (59%)

Yellow (24%)

Blue (42%)

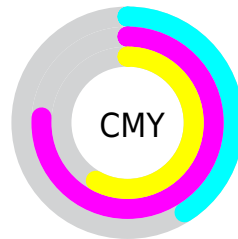


Cyan (0%)

Magenta (59%)

Yellow (30%)

Black (41%)



Cyan (41%)


Magenta (76%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0652, 0.3972, 0.2572 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 11.0652, 0.3972, 0.2572 by changing the saturation by 10% instead.


 11.0652, 0.3972,
0.2572


 11.0652, 0.3972,
0.2572


198.1143, 0.3461,
0.2997


 6.1107, 0.4143,
0.2436


 27.7807, 0.3758,
0.2746


 2.9125, 0.4399,
0.2238

 40.3104, 0.3687,
0.2805

 1.0862, 0.4820,
0.1927

 56.1341, 0.3631,
0.2853

 0.0000, 0.6909,
0.0000

 75.6360, 0.3584,
0.2892

 0.0000, 0.0000,
0.0000

 99.2006, 0.3546,
0.2924

127.2122, 0.3513,

0.2952

160.0554, 0.3485,
0.2976

■ 11.0652, 0.3972,
0.2572

■ 11.0652, 0.3972,
0.2572

■ 9.4937, 0.4196,
0.2490

■ 13.1083, 0.3770,
0.2680

■ 8.3530, 0.4437,
0.2446

■ 15.6563, 0.3593,
0.2802

■ 7.5978, 0.4682,
0.2449

■ 18.7409, 0.3442,
0.2931

■ 7.1292, 0.4924,
0.2496

■ 22.3913, 0.3314,
0.3059

■ 7.0837, 0.4950,
0.2501

■ 26.6341, 0.3207,
0.3184

■ 31.4945, 0.3119,
0.3302

■ 36.9960, 0.3045,
0.3412

■ 43.1612, 0.2984,
0.3515

■ 50.0112, 0.2933,
0.3609

Harmonies

Analogous

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



11.0652, 0.2980, 0.2130



11.0652, 0.3972, 0.2572



11.0652, 0.4772, 0.3162

Triad

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



11.0652, 0.3972, 0.2572



11.0652, 0.3916, 0.5002



11.0652, 0.1540, 0.2322

Complementary

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



11.0652, 0.3972, 0.2572



24.2237, 0.2723, 0.4199

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.



11.0652, 0.1701, 0.3091



11.0652, 0.3972, 0.2572



11.0652, 0.3030, 0.4970

Square

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



11.0652, 0.3972, 0.2572



11.0652, 0.4649, 0.4488



11.0652, 0.2218, 0.4165



11.0652, 0.1701, 0.1955

Rectangle

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



11.0652, 0.3972, 0.2572



11.0652, 0.5000, 0.3596



11.0652, 0.2218, 0.4165



11.0652, 0.1556, 0.2531

Sweetspot

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



11.0658, 0.3972, 0.2572



40.5084, 0.3308, 0.3067



8.7746, 0.2542, 0.1676



8.7770, 0.3340, 0.3032



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



11.0658, 0.3972, 0.2572



16.2055, 0.4279, 0.2470



10.3731, 0.4878, 0.3295



6.2710, 0.3210, 0.3181



6.0308, 0.4937, 0.2493



0.0975, 0.4069, 0.2015

Inverse Universe

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



11.0658, 0.3972, 0.2572



16.2055, 0.4279, 0.2470



25.3967, 0.2413, 0.3288



6.2710, 0.3210, 0.3181



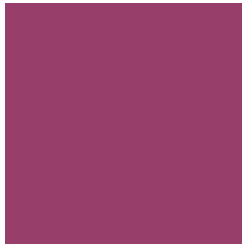
6.0308, 0.4937, 0.2493



0.0975, 0.4069, 0.2015

Previews

White Background



This preview shows how the Yxy color 11.0652, 0.3972, 0.2572 looks on a white background.

Color Contrast Check

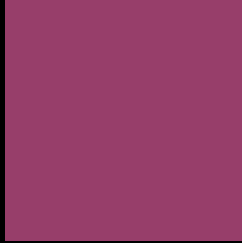
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0652, 0.3972, 0.2572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

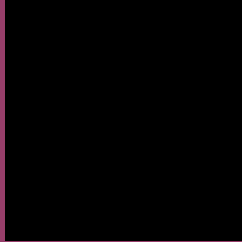
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 11.0652, 0.3972, 0.2572

Background



This preview shows how black text looks on a background with the Yxy color 11.0652, 0.3972, 0.2572.



This preview shows how white text looks on a background with the Yxy color 11.0652, 0.3972, 0.2572.

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

11.0652, 0.3972, 0.2572

Protanopia

11.2923, 0.2586, 0.2541

Deuteranopia

11.3032, 0.3121, 0.3086



Tritanopia

11.0466, 0.4526, 0.3210

Trichromacy



Original Color

11.0652, 0.3972, 0.2572

Protanomaly

10.6177, 0.3005, 0.2522

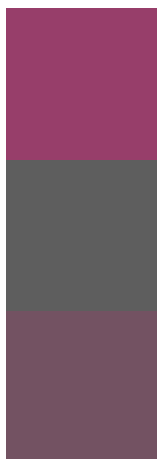
Deuteranomaly

10.7861, 0.3419, 0.2837

Tritanomaly

10.9579, 0.4324, 0.2957

Monochromacy



Original Color

11.0652, 0.3972, 0.2572

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.5613, 0.3434, 0.2950

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0652, 0.3972, 0.2572 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(151, 62, 106)` looks like.

```
.text, #text, p{  
    color:rgb(151, 62, 106)  
}
```

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(151, 62, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 62, 106) }
```

Border

The CSS property to change the border of an element to Yxy 11.0652, 0.3972, 0.2572 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(151, 62, 106) }
```

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

```
.border{ border-color:rgb(151, 62, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 62, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 62, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 62, 106);  
box-shadow:4px 4px 4px 4px rgb(151, 62,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0652, 0.3972, 0.2572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 62, 106) }
```

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

```
.background{ background-color: rgb(151, 62,  
106) }
```

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