

Converting Colors

$Y_{xy}(14.6645, 0.3959, 0.2622)$

Have a look what the booklet for
Yxy(14.6645, 0.3959, 0.2622)
contains.

Yxy(14.6645, 0.3959, 0.2622)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.6645, 0.3959, 0.2622)

Conversions

Conversions Part 1

Format	Color
Hex	A94A77
RGB	169, 74, 119
RGB Percent	66%, 29%, 47%
CMY	0.3372, 0.7098, 0.5333
CMYK	0.00, 0.56, 0.30, 0.34
HSL	332°, 39%, 48%
HSV	332°, 56%, 66%
XYZ	22.1422, 14.6645, 19.1220
YIQ	107.5350, 42.1750, 34.1350

Conversions

Conversions Part 2

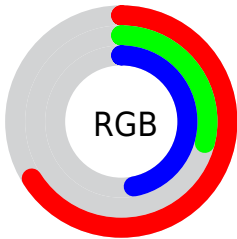
Format	Color
RYB	169, 74, 119
Decimal	11094647
CIELab	45.17, 43.99, -6.53
CIELCh	45, 44.468, 351.552
Yxy	14.6645, 0.3959, 0.2622
Android (android.graphics.Color)	4289284727 (0xFFA94A77)
YUV	107.5350, 5.6522, 53.9048
Hunter-Lab	38.2943, 36.1957, -2.8001

Details

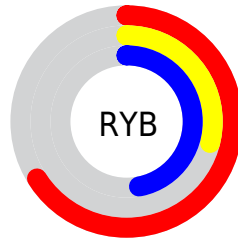
The Yxy color **14.6645, 0.3959, 0.2622** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **31.2879, 0.2719, 0.4119**, and the grayscale version is **14.8351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1929, 0.3769, 0.2772**, and **4.4981, 0.4328, 0.2343** is the 20% darker color. If you saturate the color by 10%, you get **12.5000, 0.4192, 0.2537**, and if you desaturate by 10%, it is **17.4566, 0.3751, 0.2730**.

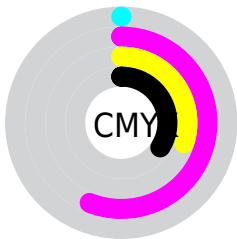
Distribution



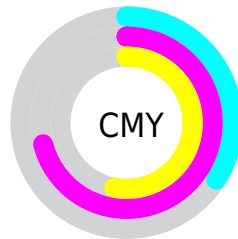
- Red (66%)
- Green (29%)
- Blue (47%)



- Red (66%)
- Yellow (29%)
- Blue (47%)



- Cyan (0%)
- Magenta (56%)
- Yellow (30%)
- Black (34%)




- Cyan (34%)
- Magenta (71%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6645, 0.3959, 0.2622 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 14.6645, 0.3959, 0.2622 by changing the saturation by 10% instead.


 14.6645, 0.3959,
0.2622


 14.6645, 0.3959,
0.2622


221.3264, 0.3473,
0.3004


 8.5843, 0.4111,
0.2507


 34.2635, 0.3762,
0.2774


 4.4710, 0.4330,
0.2345

 48.5511, 0.3694,
0.2827


 1.9404, 0.4671,
0.2101

 66.3433, 0.3640,
0.2870

 0.5725, 0.5316,
0.1618

 88.0244, 0.3595,
0.2906

 0.0000, 1.0000,
0.0000

 113.9789, 0.3557,
0.2936

 0.0000, 0.0000,
0.0000

144.5911, 0.3525,

0.2962

180.2455, 0.3497,
0.2984

■ 14.6645, 0.3959,
0.2622

■ 14.6645, 0.3959,
0.2622

■ 12.5000, 0.4192,
0.2537

■ 17.4566, 0.3751,
0.2730

■ 10.9106, 0.4444,
0.2488

■ 20.9189, 0.3572,
0.2851

■ 9.8388, 0.4705,
0.2486

■ 25.0927, 0.3419,
0.2976

■ 9.2058, 0.4959,
0.2535

■ 30.0155, 0.3291,
0.3100

■ 9.0159, 0.5055,
0.2559

■ 35.7220, 0.3184,
0.3219

■ 42.2447, 0.3096,
0.3332

■ 49.6143, 0.3023,
0.3436

■ 57.8600, 0.2962,
0.3532

■ 67.0095, 0.2913,
0.3621

Harmonies

Analogous

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



14.6645, 0.3019, 0.2189



14.6645, 0.3959, 0.2622



14.6645, 0.4703, 0.3196

Triad

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



14.6645, 0.3959, 0.2622



14.6645, 0.3866, 0.4928



14.6645, 0.1606, 0.2356

Complementary

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



14.6645, 0.3959, 0.2622



31.2879, 0.2719, 0.4119

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.



14.6645, 0.1755, 0.3080



14.6645, 0.3959, 0.2622



14.6645, 0.3018, 0.4857

Square

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



14.6645, 0.3959, 0.2622



14.6645, 0.4569, 0.4467



14.6645, 0.2245, 0.4084



14.6645, 0.1770, 0.2008

Rectangle

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



14.6645, 0.3959, 0.2622



14.6645, 0.4911, 0.3617



14.6645, 0.2245, 0.4084



14.6645, 0.1619, 0.2554

Sweetspot

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



14.6652, 0.3959, 0.2622



52.7258, 0.3303, 0.3087



11.9794, 0.2590, 0.1744



11.1101, 0.3326, 0.3064



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.



14.6652, 0.3959, 0.2622



21.7421, 0.4241, 0.2524



14.0414, 0.4762, 0.3318



7.5993, 0.3215, 0.3183



6.7298, 0.5032, 0.2545



0.1741, 0.4282, 0.2133

Inverse Universe

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



14.6652, 0.3959, 0.2622



21.7421, 0.4241, 0.2524



32.1122, 0.2425, 0.3261



7.5993, 0.3215, 0.3183



6.7298, 0.5032, 0.2545



0.1741, 0.4282, 0.2133

Previews

White Background



This preview shows how the Yxy color 14.6645, 0.3959, 0.2622 looks on a white background.

Color Contrast Check

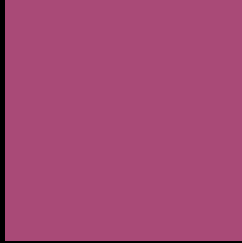
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6645, 0.3959, 0.2622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

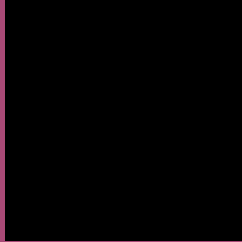
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.6645, 0.3959, 0.2622

Background



This preview shows how black text looks on a background with the Yxy color 14.6645, 0.3959, 0.2622.



This preview shows how white text looks on a background with the Yxy color 14.6645, 0.3959, 0.2622.

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

14.6645, 0.3959, 0.2622

Protanopia

14.8278, 0.2627, 0.2597

Deuteranopia

14.7604, 0.3151, 0.3088



Tritanopia

14.6637, 0.4465, 0.3218

Trichromacy



Original Color

14.6645, 0.3959, 0.2622

Protanomaly

13.9839, 0.3034, 0.2564

Deuteranomaly

14.2406, 0.3434, 0.2867

Tritanomaly

14.5461, 0.4287, 0.2988

Monochromacy



Original Color

14.6645, 0.3959, 0.2622

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.2814, 0.3411, 0.2986

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6645, 0.3959, 0.2622 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(169, 74, 119)` looks like.

```
.text, #text, p{  
    color:rgb(169, 74, 119)  
}
```

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(169, 74, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 74, 119) }
```

Border

The CSS property to change the border of an element to Yxy 14.6645, 0.3959, 0.2622 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(169, 74, 119) }
```

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

```
.border{ border-color:rgb(169, 74, 119) }
```

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

Here you see how a box with a 4 pixel rgb(169, 74, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 74, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 74, 119);  
box-shadow:4px 4px 4px 4px rgb(169, 74,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6645, 0.3959, 0.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 74, 119) }
```

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

```
.background{ background-color: rgb(169, 74,  
119) }
```

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