

Converting Colors

$Y_{xy}(14.8654, 0.3562, 0.2799)$

Have a look what the booklet for
Yxy(14.8654, 0.3562, 0.2799)
contains.

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Color

Yxy(14.9251, 0.3558, 0.2806)

Conversions

Conversions Part 1

Format	Color
Hex	925B77
RGB	146, 91, 119
RGB Percent	57%, 36%, 47%
CMY	0.4275, 0.6431, 0.5333
CMYK	0.00, 0.38, 0.18, 0.43
HSL	329°, 23%, 46%
HSV	329°, 38%, 57%
XYZ	18.9250, 14.9251, 19.3399
YIQ	110.6370, 23.7920, 20.3680

Conversions

Conversions Part 2

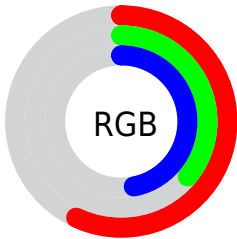
Format	Color
R_{YB}	146, 91, 119
Decimal	9591671
CIE _{Lab}	45.53, 26.75, -6.34
CIE _{LCh}	46, 27.487, 346.673
Yxy	14.9251, 0.3558, 0.2806
Android (android.graphics.Color)	4287781751 (0xFF925B77)
YUV	110.6370, 4.1230, 31.0134
Hunter-Lab	38.6330, 19.8332, -2.6377

Details

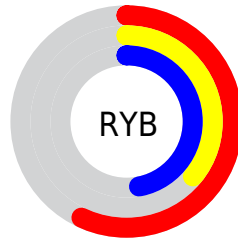
The Yxy color **14.9251, 0.3558, 0.2806** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.0888, 0.2845, 0.3836**, and the grayscale version is **15.7691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7038, 0.3458, 0.2919**, and **4.5624, 0.3744, 0.2582** is the 20% darker color. If you saturate the color by 10%, you get **12.5020, 0.3725, 0.2679**, and if you desaturate by 10%, it is **17.8482, 0.3415, 0.2938**.

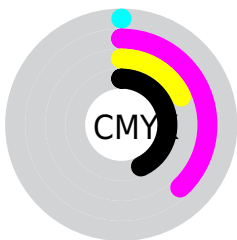
Distribution



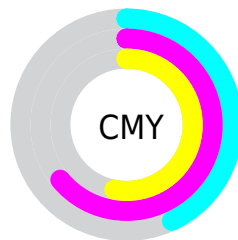
- Red (57%)
- Green (36%)
- Blue (47%)



- Red (57%)
- Yellow (36%)
- Blue (47%)



- Cyan (0%)
- Magenta (38%)
- Yellow (18%)
- Black (43%)





- Cyan (43%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9251, 0.3558, 0.2806 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 14.9251, 0.3558, 0.2806 by changing the saturation by 10% instead.


 14.9251, 0.3558,
0.2806


 14.9251, 0.3558,
0.2806


222.9124, 0.3307,
0.3084


 8.7668, 0.3637,
0.2721


 34.7217, 0.3456,
0.2918


 4.5894, 0.3751,
0.2599

 49.1289, 0.3421,
0.2956

 2.0084, 0.3931,
0.2413

 67.0545, 0.3393,
0.2988

 0.6124, 0.4290,
0.2022

 88.8828, 0.3370,
0.3014

 0.0000, 1.0000,
0.0000

114.9984, 0.3350,
0.3036

 0.0000, 0.0000,
0.0000

145.7856, 0.3334,

0.3054

181.6288, 0.3319,
0.3070

■ 14.9251, 0.3558,
0.2806

■ 14.9251, 0.3558,
0.2806

■ 12.5020, 0.3725,
0.2679

■ 17.8482, 0.3415,
0.2938

■ 10.5482, 0.3916,
0.2566

■ 21.2955, 0.3294,
0.3070

■ 9.0330, 0.4128,
0.2476


■ 25.2921, 0.3193,
0.3197

■ 7.9209, 0.4357,
0.2422


■ 29.8609, 0.3109,
0.3317


■ 7.1710, 0.4592,
0.2415


■ 35.0234, 0.3039,
0.3430


 6.7068, 0.4826,
0.2453

 40.8002, 0.2981,
0.3534

 6.6099, 0.4882,
0.2463

 47.2105, 0.2933,
0.3630

 54.2731, 0.2893,
0.3717

 62.0059, 0.2859,
0.3798

Harmonies

Analogous

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



14.9251, 0.2984, 0.2525



14.9251, 0.3558, 0.2806



14.9251, 0.4039, 0.3199

Triad

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



14.9251, 0.3558, 0.2806



14.9251, 0.3725, 0.4290



14.9251, 0.2122, 0.2786

Complementary

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



14.9251, 0.3558, 0.2806



24.0888, 0.2845, 0.3836

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.



14.9251, 0.2281, 0.3284



14.9251, 0.3558, 0.2806



14.9251, 0.3188, 0.4244

Square

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



14.9251, 0.3558, 0.2806



14.9251, 0.4121, 0.4039



14.9251, 0.2661, 0.3852



14.9251, 0.2198, 0.2487

Rectangle

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



14.9251, 0.3558, 0.2806



14.9251, 0.4215, 0.3490



14.9251, 0.2661, 0.3852



14.9251, 0.2149, 0.2933

Sweetspot

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



14.9258, 0.3558, 0.2806



41.9998, 0.3227, 0.3153



13.3806, 0.2787, 0.2282



9.1557, 0.3239, 0.3138



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



14.9258, 0.3558, 0.2806



22.7455, 0.3694, 0.2701



14.3649, 0.3997, 0.3276



5.8617, 0.3208, 0.3178



5.8216, 0.4871, 0.2457



0.0772, 0.4012, 0.1984

Inverse Universe

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



14.9258, 0.3558, 0.2806



22.7455, 0.3694, 0.2701



24.8279, 0.2624, 0.3305



5.8617, 0.3208, 0.3178



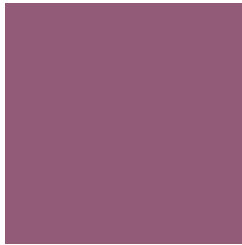
5.8216, 0.4871, 0.2457



0.0772, 0.4012, 0.1984

Previews

White Background



This preview shows how the Yxy color 14.9251, 0.3558, 0.2806 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 14.9251, 0.3558, 0.2806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

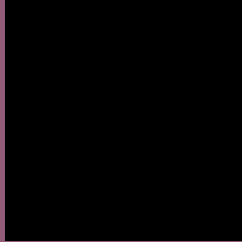
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9251, 0.3558, 0.2806

Background



This preview shows how black text looks on a background with the Yxy color 14.9251, 0.3558, 0.2806.



This preview shows how white text looks on a background with the Yxy color 14.9251, 0.3558, 0.2806.

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

14.9251, 0.3558, 0.2806

Protanopia

15.0107, 0.2801, 0.2826

Deuteranopia

15.0323, 0.3111, 0.3050



Tritanopia

14.8743, 0.3801, 0.3167

Trichromacy



Original Color

14.9251, 0.3558, 0.2806

Protanomaly

14.7357, 0.3053, 0.2807

Deuteranomaly

14.8580, 0.3258, 0.2946

Tritanomaly

14.9312, 0.3709, 0.3027

Monochromacy



Original Color

14.9251, 0.3558, 0.2806

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.4006, 0.3277, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9251, 0.3558, 0.2806 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(146, 91, 119)` looks like.

```
.text, #text, p{  
    color:rgb(146, 91, 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(146, 91, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 91, 119) }
```

Border

The CSS property to change the border of an element to Yxy 14.9251, 0.3558, 0.2806 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(146, 91, 119) }
```

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

```
.border{ border-color:rgb(146, 91, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 91, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 91, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 91, 119); box-shadow:4px 4px 4px 4px rgb(146, 91, 119) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9251, 0.3558, 0.2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 91, 119) }
```

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

```
.background{ background-color: rgb(146, 91,  
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](#).

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