

Converting Colors

$Y_{xy}(14.5590, 0.3527, 0.2819)$

Have a look what the booklet for
Yxy(14.5590, 0.3527, 0.2819)
contains.

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Color

Yxy(14.5410, 0.3514, 0.2813)

Conversions

Conversions Part 1

Format	Color
Hex	8E5B76
RGB	142, 91, 118
RGB Percent	56%, 36%, 46%
CMY	0.4432, 0.6431, 0.5373
CMYK	0.00, 0.36, 0.17, 0.44
HSL	328°, 22%, 46%
HSV	328°, 36%, 56%
XYZ	18.1646, 14.5410, 18.9865
YIQ	109.3270, 21.7290, 19.2090

Conversions

Conversions Part 2

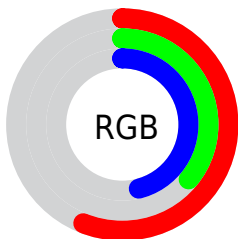
Format	Color
R_{YB}	142, 91, 118
Decimal	9329526
CIE Lab	45.00, 25.08, -6.56
CIE LCh	45, 25.923, 345.330
Yxy	14.5410, 0.3514, 0.2813
Android (android.graphics.Color)	4287519606 (0xFF8E5B76)
YUV	109.3270, 4.2758, 28.6542
Hunter-Lab	38.1327, 18.2969, -2.8280

Details

The Yxy color **14.5410, 0.3514, 0.2813** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.8054, 0.2866, 0.3826**, and the grayscale version is **15.3740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1186, 0.3427, 0.2927**, and **4.4172, 0.3669, 0.2605** is the 20% darker color. If you saturate the color by 10%, you get **12.1858, 0.3669, 0.2680**, and if you desaturate by 10%, it is **17.3682, 0.3381, 0.2950**.

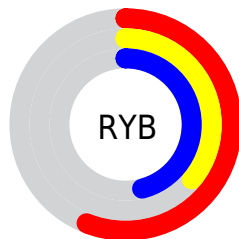
Distribution



Red (56%)

Green (36%)

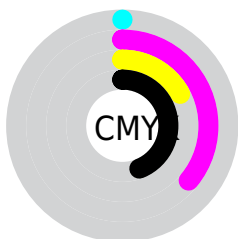
Blue (46%)



Red (56%)

Yellow (36%)

Blue (46%)

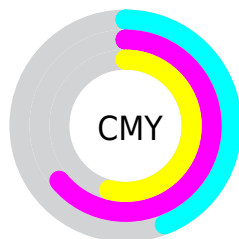


Cyan (0%)

Magenta (36%)

Yellow (17%)

Black (44%)



Cyan (44%)


Magenta (64%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5410, 0.3514, 0.2813 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 14.5410, 0.3514, 0.2813 by changing the saturation by 10% instead.


 14.5410, 0.3514,
0.2813


 14.5410, 0.3514,
0.2813


220.5709, 0.3288,
0.3088


 8.4979, 0.3585,
0.2728


 34.0459, 0.3422,
0.2924


 4.4152, 0.3689,
0.2607

 48.2765, 0.3391,
0.2962

 1.9084, 0.3852,
0.2419

 66.0051, 0.3365,
0.2993

 0.5534, 0.4205,
0.1982

 87.6160, 0.3344,
0.3019

 0.0000, 1.0000,
0.0000

113.4936, 0.3327,
0.3040

 0.0000, 0.0000,
0.0000

144.0224, 0.3312,

0.3059

179.5867, 0.3299,
0.3075

■ 14.5410, 0.3514,
0.2813

■ 14.5410, 0.3514,
0.2813

■ 12.1858, 0.3669,
0.2680

■ 17.3682, 0.3381,
0.2950

■ 10.2744, 0.3846,
0.2559

■ 20.6894, 0.3269,
0.3086

■ 8.7785, 0.4044,
0.2460


■ 24.5280, 0.3175,
0.3216


■ 7.6660, 0.4258,
0.2395


■ 28.9049, 0.3097,
0.3340


■ 6.8998, 0.4480,
0.2373


■ 33.8401, 0.3031,
0.3455


 6.4246, 0.4701,
0.2399

 39.3525, 0.2977,
0.3561

 6.2599, 0.4794,
0.2415

 45.4601, 0.2932,
0.3659

 52.1802, 0.2895,
0.3749

 59.5292, 0.2863,
0.3832

Harmonies

Analogous

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



14.5410, 0.2969, 0.2549



14.5410, 0.3514, 0.2813



14.5410, 0.3978, 0.3187

Triad

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



14.5410, 0.3514, 0.2813



14.5410, 0.3720, 0.4237



14.5410, 0.2168, 0.2830

Complementary

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



14.5410, 0.3514, 0.2813



22.8054, 0.2866, 0.3826

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.



14.5410, 0.2332, 0.3311



14.5410, 0.3514, 0.2813



14.5410, 0.3212, 0.4203

Square

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



14.5410, 0.3514, 0.2813



14.5410, 0.4087, 0.3993



14.5410, 0.2705, 0.3845



14.5410, 0.2231, 0.2532

Rectangle

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



14.5410, 0.3514, 0.2813



14.5410, 0.4155, 0.3466



14.5410, 0.2705, 0.3845



14.5410, 0.2198, 0.2974

Sweetspot

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



14.5417, 0.3514, 0.2813



39.5387, 0.3223, 0.3148



13.0680, 0.2797, 0.2333



8.6576, 0.3234, 0.3132



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.



14.5417, 0.3514, 0.2813



22.2624, 0.3636, 0.2706



14.0190, 0.3922, 0.3261



5.4688, 0.3204, 0.3174



5.6252, 0.4785, 0.2410



0.0582, 0.3965, 0.1958

Inverse Universe

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



14.5417, 0.3514, 0.2813



22.2624, 0.3636, 0.2706



23.4694, 0.2652, 0.3321



5.4688, 0.3204, 0.3174



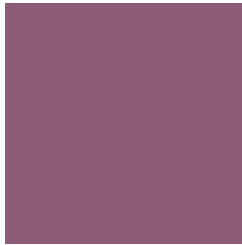
5.6252, 0.4785, 0.2410



0.0582, 0.3965, 0.1958

Previews

White Background



This preview shows how the Yxy color 14.5410, 0.3514, 0.2813 looks on a white background.

Color Contrast Check

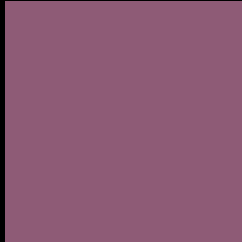
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5410, 0.3514, 0.2813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

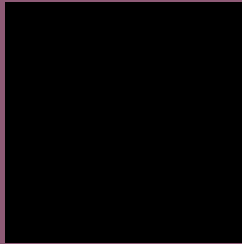
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5410, 0.3514, 0.2813

Background



This preview shows how black text looks on a background with the Yxy color 14.5410, 0.3514, 0.2813.



This preview shows how white text looks on a background with the Yxy color 14.5410, 0.3514, 0.2813.

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

14.5410, 0.3514, 0.2813

Protanopia

14.6914, 0.2810, 0.2841

Deuteranopia

14.6723, 0.3097, 0.3047



Tritanopia

14.5204, 0.3740, 0.3164

Trichromacy



Original Color

14.5410, 0.3514, 0.2813

Protanomaly

14.5445, 0.3051, 0.2839

Deuteranomaly

14.4931, 0.3245, 0.2942

Tritanomaly

14.5530, 0.3664, 0.3038

Monochromacy



Original Color

14.5410, 0.3514, 0.2813

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.7375, 0.3266, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5410, 0.3514, 0.2813 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, 91, 118)` looks like.

```
.text, #text, p{  
    color:rgb(142, 91, 118)  
}
```

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, 91, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 91, 118) }
```

Border

The CSS property to change the border of an element to Yxy 14.5410, 0.3514, 0.2813 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, 91, 118) }
```

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

```
.border{ border-color:rgb(142, 91, 118) }
```

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

Here you see how a box with a 4 pixel rgb(142, 91, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 91, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 91, 118);  
box-shadow:4px 4px 4px 4px rgb(142, 91,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5410, 0.3514, 0.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 91, 118) }
```

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

```
.background{ background-color: rgb(142, 91,  
118) }
```

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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