

Converting Colors

$Y_{xy}(14.9825, 0.3392, 0.2619)$

Have a look what the booklet for
Yxy(14.9825, 0.3392, 0.2619)
contains.

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Color

Yxy(14.9438, 0.3380, 0.2608)

Conversions

Conversions Part 1

Format	Color
Hex	915A82
RGB	145, 90, 130
RGB Percent	57%, 35%, 51%
CMY	0.4313, 0.6471, 0.4901
CMYK	0.00, 0.38, 0.10, 0.43
HSL	316°, 23%, 46%
HSV	316°, 38%, 57%
XYZ	19.3673, 14.9438, 22.9887
YIQ	111.0050, 19.9400, 24.1000

Conversions

Conversions Part 2

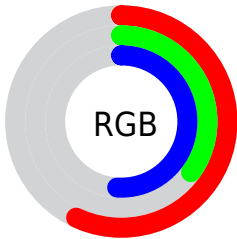
Format	Color
R_{YB}	145, 90, 130
Decimal	9525890
CIE _{Lab}	45.56, 28.89, -12.96
CIE _{LCh}	46, 31.666, 335.844
Yxy	14.9438, 0.3380, 0.2608
Android (android.graphics.Color)	4287715970 (0xFF915A82)
YUV	111.0050, 9.3645, 29.8136
Hunter-Lab	38.6572, 21.7788, -8.1986

Details

The Yxy color **14.9438, 0.3380, 0.2608** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.4530, 0.2946, 0.4090**, and the grayscale version is **15.8663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7480, 0.3326, 0.2759**, and **4.5772, 0.3463, 0.2322** is the 20% darker color. If you saturate the color by 10%, you get **12.6283, 0.3470, 0.2434**, and if you desaturate by 10%, it is **17.7422, 0.3300, 0.2790**.

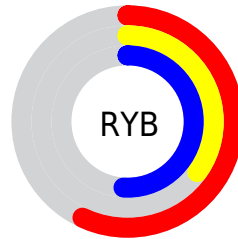
Distribution



Red (57%)

Green (35%)

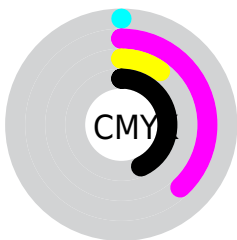
Blue (51%)



Red (57%)

Yellow (35%)

Blue (51%)

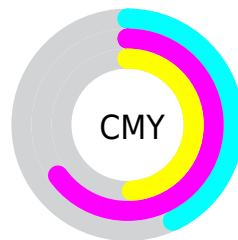


Cyan (0%)

Magenta (38%)

Yellow (10%)

Black (43%)



Cyan (43%)


Magenta (65%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9438, 0.3380, 0.2608 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 14.9438, 0.3380, 0.2608 by changing the saturation by 10% instead.


 14.9438, 0.3380,
0.2608


 14.9438, 0.3380,
0.2608


223.0258, 0.3239,
0.2993


 8.7800, 0.3421,
0.2494


 34.7546, 0.3325,
0.2760


 4.5979, 0.3477,
0.2336


 49.1703, 0.3305,
0.2813


 2.0133, 0.3558,
0.2101

 67.1054, 0.3289,
0.2857

 0.6152, 0.3711,
0.1661

 88.9443, 0.3276,
0.2893

 0.0000, 0.3910,
0.0000

 115.0714, 0.3265,
0.2924

 0.0000, 0.0000,
0.0000

145.8711, 0.3255,

0.2950

181.7277, 0.3246,
0.2973

■ 14.9438, 0.3380,
0.2608

■ 14.9438, 0.3380,
0.2608

■ 12.6283, 0.3470,
0.2434

■ 17.7422, 0.3300,
0.2790

■ 10.7655, 0.3569,
0.2277

■ 21.0470, 0.3230,
0.2973

■ 9.3255, 0.3674,
0.2147


■ 24.8827, 0.3169,
0.3153


■ 8.2734, 0.3784,
0.2053


■ 29.2718, 0.3117,
0.3324


■ 7.5692, 0.3894,
0.2003

■ 34.2352, 0.3073,
0.3486


 7.1335, 0.4003,
0.1993

 39.7929, 0.3036,
0.3637

 7.0523, 0.4026,
0.1992

 45.9639, 0.3005,
0.3777

 52.7664, 0.2979,
0.3906

 60.2176, 0.2957,
0.4024

Harmonies

Analogous

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



14.9438, 0.2739, 0.2353



14.9438, 0.3380, 0.2608



14.9438, 0.4004, 0.3009

Triad

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



14.9438, 0.3380, 0.2608



14.9438, 0.3993, 0.4358



14.9438, 0.2021, 0.2886

Complementary

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



14.9438, 0.3380, 0.2608



23.4530, 0.2946, 0.4090

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.



14.9438, 0.2289, 0.3519



14.9438, 0.3380, 0.2608



14.9438, 0.3415, 0.4466

Square

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



14.9438, 0.3380, 0.2608



14.9438, 0.4358, 0.3974



14.9438, 0.2792, 0.4151



14.9438, 0.2015, 0.2463

Rectangle

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



14.9438, 0.3380, 0.2608



14.9438, 0.4292, 0.3325



14.9438, 0.2792, 0.4151



14.9438, 0.2082, 0.3080

Sweetspot

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



14.9445, 0.3380, 0.2608



42.1852, 0.3188, 0.3095



12.3380, 0.2632, 0.2231



9.2010, 0.3195, 0.3074



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.



14.9445, 0.3380, 0.2608



22.9807, 0.3461, 0.2451



14.3081, 0.3807, 0.3064



5.4863, 0.3176, 0.3131



6.0507, 0.4020, 0.1988



0.0616, 0.3578, 0.1745

Inverse Universe

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



14.9445, 0.3380, 0.2608



22.9807, 0.3461, 0.2451



24.1042, 0.2716, 0.3534



5.4863, 0.3176, 0.3131



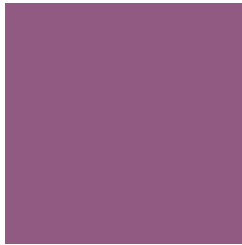
6.0507, 0.4020, 0.1988



0.0616, 0.3578, 0.1745

Previews

White Background



This preview shows how the Yxy color 14.9438, 0.3380, 0.2608 looks on a white background.

Color Contrast Check

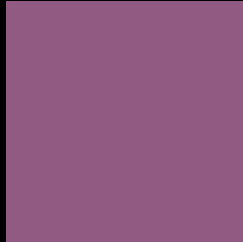
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9438, 0.3380, 0.2608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

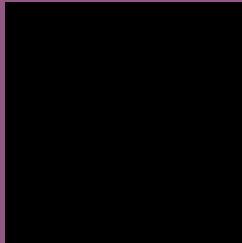
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9438, 0.3380, 0.2608

Background



This preview shows how black text looks on a background with the Yxy color 14.9438, 0.3380, 0.2608.



This preview shows how white text looks on a background with the Yxy color 14.9438, 0.3380, 0.2608.

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

14.9438, 0.3380, 0.2608

Protanopia

15.1210, 0.2630, 0.2602

Deuteranopia

15.1554, 0.2922, 0.2872



Tritanopia

14.9145, 0.3734, 0.3147

Trichromacy



Original Color

14.9438, 0.3380, 0.2608

Protanomaly

14.8553, 0.2868, 0.2591

Deuteranomaly

14.8838, 0.3082, 0.2760

Tritanomaly

14.8606, 0.3600, 0.2936

Monochromacy



Original Color

14.9438, 0.3380, 0.2608

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.2195, 0.3211, 0.3000

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9438, 0.3380, 0.2608 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(145, 90, 130)` looks like.

```
.text, #text, p{  
    color:rgb(145, 90, 130)  
}
```

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(145, 90, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 90, 130) }
```

Border

The CSS property to change the border of an element to Yxy 14.9438, 0.3380, 0.2608 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(145, 90, 130) }
```

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

```
.border{ border-color:rgb(145, 90, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 90, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 90, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 90, 130); box-shadow:4px 4px 4px 4px rgb(145, 90, 130) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9438, 0.3380, 0.2608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 90, 130) }
```

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

```
.background{ background-color: rgb(145, 90,  
130) }
```

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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