

Converting Colors

$Y_{xy}(15.9398, 0.3528, 0.2649)$

Have a look what the booklet for
Yxy(15.9398, 0.3528, 0.2649)
contains.

Yxy(15.8926, 0.3524, 0.2642)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.8926, 0.3524, 0.2642)

Conversions

Conversions Part 1

Format	Color
Hex	9B5A82
RGB	155, 90, 130
RGB Percent	61%, 35%, 51%
CMY	0.3923, 0.6470, 0.4903
CMYK	0.00, 0.42, 0.16, 0.39
HSL	323°, 27%, 48%
HSV	323°, 42%, 61%
XYZ	21.1982, 15.8926, 23.0629
YIQ	113.9950, 25.9000, 26.2200

Conversions

Conversions Part 2

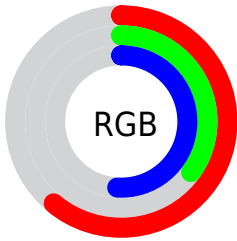
Format	Color
R_{YB}	155, 90, 130
Decimal	10181250
CIE _{Lab}	46.83, 32.39, -10.89
CIE _{LCh}	47, 34.167, 341.420
Yxy	15.8926, 0.3524, 0.2642
Android (android.graphics.Color)	4288371330 (0xFF9B5A82)
YUV	113.9950, 7.8905, 35.9614
Hunter-Lab	39.8655, 25.1512, -6.3945

Details

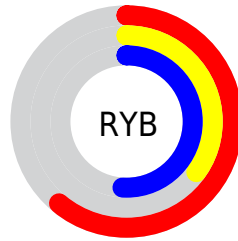
The Yxy color **15.8926, 0.3524, 0.2642** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.8468, 0.2871, 0.4050**, and the grayscale version is **16.7965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.3175, 0.3438, 0.2779**, and **5.0047, 0.3676, 0.2371** is the 20% darker color. If you saturate the color by 10%, you get **13.3897, 0.3660, 0.2496**, and if you desaturate by 10%, it is **18.9514, 0.3405, 0.2798**.

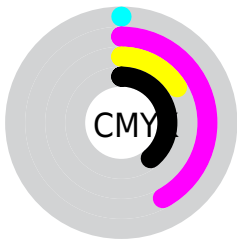
Distribution



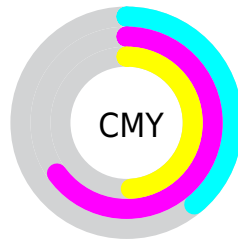
- Red (61%)
- Green (35%)
- Blue (51%)



- Red (61%)
- Yellow (35%)
- Blue (51%)



- Cyan (0%)
- Magenta (42%)
- Yellow (16%)
- Black (39%)





- Cyan (39%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.8926, 0.3524, 0.2642 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 15.8926, 0.3524, 0.2642 by changing the saturation by 10% instead.


 15.8926, 0.3524,
0.2642


 15.8926, 0.3524,
0.2642


228.7071, 0.3299,
0.3006


 9.4482, 0.3591,
0.2535


 36.4117, 0.3435,
0.2785


 5.0347, 0.3685,
0.2388


 51.2551, 0.3404,
0.2835

 2.2676, 0.3826,
0.2170

 69.6670, 0.3378,
0.2877

 0.7565, 0.4066,
0.1807

 92.0317, 0.3357,
0.2911

 0.0000, 0.5466,
0.0000

118.7337, 0.3339,
0.2940

 0.0000, 0.0000,
0.0000

150.1573, 0.3324,

0.2965

186.6870, 0.3311,
0.2987

■ 15.8926, 0.3524,
0.2642

■ 15.8926, 0.3524,
0.2642

■ 13.3897, 0.3660,
0.2496

■ 18.9514, 0.3405,
0.2798

■ 11.4061, 0.3811,
0.2369

■ 22.5952, 0.3302,
0.2957

■ 9.9045, 0.3975,
0.2272


■ 26.8537, 0.3214,
0.3113

■ 8.8414, 0.4146,
0.2217


■ 31.7539, 0.3140,
0.3262


■ 8.1654, 0.4318,
0.2209

■ 37.3214, 0.3078,
0.3403

 7.7984, 0.4457,
0.2229

 43.5801, 0.3026,
0.3535

 50.5529, 0.2983,
0.3656

 58.2616, 0.2947,
0.3768

 66.7271, 0.2917,
0.3871

Harmonies

Analogous

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



15.8926, 0.2833, 0.2343



15.8926, 0.3524, 0.2642



15.8926, 0.4155, 0.3081

Triad

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



15.8926, 0.3524, 0.2642



15.8926, 0.3933, 0.4464



15.8926, 0.1944, 0.2756

Complementary

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



15.8926, 0.3524, 0.2642



26.8468, 0.2871, 0.4050

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.



15.8926, 0.2172, 0.3395



15.8926, 0.3524, 0.2642



15.8926, 0.3302, 0.4512

Square

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



15.8926, 0.3524, 0.2642



15.8926, 0.4375, 0.4090



15.8926, 0.2657, 0.4097



15.8926, 0.1988, 0.2366

Rectangle

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



15.8926, 0.3524, 0.2642



15.8926, 0.4413, 0.3417



15.8926, 0.2657, 0.4097



15.8926, 0.1990, 0.2946

Sweetspot

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



15.8933, 0.3524, 0.2642



47.0199, 0.3225, 0.3092



13.3213, 0.2655, 0.2126



10.2688, 0.3242, 0.3060



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



15.8933, 0.3524, 0.2642



24.3674, 0.3647, 0.2509



15.1564, 0.4043, 0.3166



6.2833, 0.3193, 0.3154



6.2737, 0.4444, 0.2222



0.1009, 0.3801, 0.1868

Inverse Universe

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



15.8933, 0.3524, 0.2642



24.3674, 0.3647, 0.2509



27.7277, 0.2623, 0.3425



6.2833, 0.3193, 0.3154



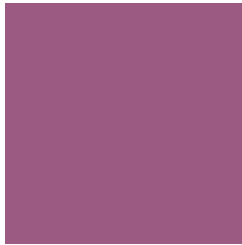
6.2737, 0.4444, 0.2222



0.1009, 0.3801, 0.1868

Previews

White Background



This preview shows how the Yxy color 15.8926, 0.3524, 0.2642 looks on a white background.

Color Contrast Check

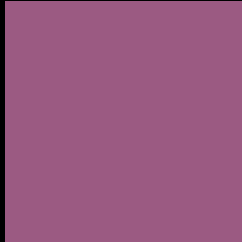
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8926, 0.3524, 0.2642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

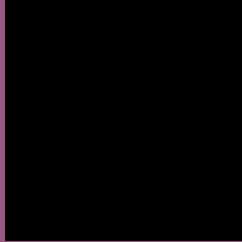
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.8926, 0.3524, 0.2642

Background



This preview shows how black text looks on a background with the Yxy color 15.8926, 0.3524, 0.2642.



This preview shows how white text looks on a background with the Yxy color 15.8926, 0.3524, 0.2642.

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

15.8926, 0.3524, 0.2642

Protanopia

16.0490, 0.2661, 0.2636

Deuteranopia

16.1144, 0.2987, 0.2940



Tritanopia

15.8391, 0.3883, 0.3156

Trichromacy



Original Color

15.8926, 0.3524, 0.2642

Protanomaly

15.7022, 0.2934, 0.2627

Deuteranomaly

15.8071, 0.3177, 0.2813

Tritanomaly

15.7933, 0.3748, 0.2955

Monochromacy



Original Color

15.8926, 0.3524, 0.2642

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.1263, 0.3265, 0.3010

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.8926, 0.3524, 0.2642 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(155, 90, 130)` looks like.

```
.text, #text, p{  
    color:rgb(155, 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(155, 90, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 90, 130) }
```

Border

The CSS property to change the border of an element to Yxy 15.8926, 0.3524, 0.2642 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(155, 90, 130) }
```

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

```
.border{ border-color:rgb(155, 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(155, 90, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 90, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 90, 130);  
box-shadow:4px 4px 4px 4px rgb(155, 90,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 15.8926, 0.3524, 0.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 90, 130) }
```

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

```
.background{ background-color: rgb(155, 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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