

Converting Colors

$Y_{xy}(15.7644, 0.3449, 0.2649)$

Have a look what the booklet for
Yxy(15.7644, 0.3449, 0.2649)
contains.

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Color

Yxy(15.7500, 0.3448, 0.2658)

Conversions

Conversions Part 1

Format	Color
Hex	965C82
RGB	150, 92, 130
RGB Percent	59%, 36%, 51%
CMY	0.4118, 0.6392, 0.4903
CMYK	0.00, 0.39, 0.13, 0.41
HSL	321°, 24%, 47%
HSV	321°, 39%, 59%
XYZ	20.4312, 15.7500, 23.0739
YIQ	113.6740, 22.3700, 24.1140

Conversions

Conversions Part 2

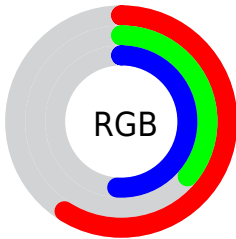
Format	Color
R_{YB}	150, 92, 130
Decimal	9854082
CIE _{Lab}	46.64, 29.50, -11.23
CIE _{LCh}	47, 31.562, 339.156
Yxy	15.7500, 0.3448, 0.2658
Android (android.graphics.Color)	4288044162 (0xFF965C82)
YUV	113.6740, 8.0487, 31.8579
Hunter-Lab	39.6863, 22.4438, -6.6913

Details

The Yxy color **15.7500, 0.3448, 0.2658** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.2555, 0.2908, 0.4025**, and the grayscale version is **16.6955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.0430, 0.3374, 0.2793**, and **4.9921, 0.3574, 0.2403** is the 20% darker color. If you saturate the color by 10%, you get **13.2684, 0.3564, 0.2499**, and if you desaturate by 10%, it is **18.7546, 0.3346, 0.2824**.

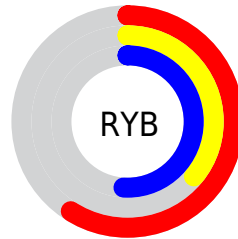
Distribution



Red (59%)

Green (36%)

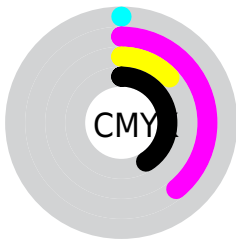
Blue (51%)



Red (59%)

Yellow (36%)

Blue (51%)

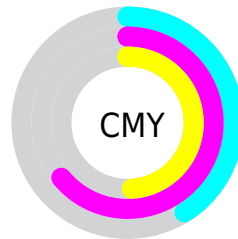


Cyan (0%)

Magenta (39%)

Yellow (13%)

Black (41%)



Cyan (41%)

Magenta (64%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.7500, 0.3448, 0.2658 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 15.7500, 0.3448, 0.2658 by changing the saturation by 10% instead.


 15.7500, 0.3448,
0.2658


 15.7500, 0.3448,
0.2658


227.8620, 0.3267,
0.3014


 9.3474, 0.3502,
0.2553


 36.1636, 0.3376,
0.2798


 4.9685, 0.3576,
0.2408


 50.9435, 0.3351,
0.2847

 2.2288, 0.3688,
0.2192

 69.2846, 0.3331,
0.2888

 0.7356, 0.3878,
0.1827

 91.5713, 0.3314,
0.2921

 0.0000, 0.4908,
0.0000

118.1879, 0.3299,
0.2950

 0.0000, 0.0000,
0.0000

149.5190, 0.3287,

0.2974

185.9489, 0.3276,
0.2995

■ 15.7500, 0.3448,
0.2658

■ 15.7500, 0.3448,
0.2658

■ 13.2684, 0.3564,
0.2499

■ 18.7546, 0.3346,
0.2824

■ 11.2769, 0.3693,
0.2357

■ 22.3081, 0.3258,
0.2992

■ 9.7424, 0.3833,
0.2242


■ 26.4373, 0.3183,
0.3155

■ 8.6269, 0.3980,
0.2164


■ 31.1666, 0.3119,
0.3310


■ 7.8858, 0.4129,
0.2131

■ 36.5190, 0.3066,
0.3457

 7.4260, 0.4278,
0.2140

 42.5164, 0.3021,
0.3593

 7.3689, 0.4298,
0.2141

 49.1793, 0.2983,
0.3719

 56.5277, 0.2952,
0.3836

 64.5804, 0.2926,
0.3942

Harmonies

Analogous

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



15.7500, 0.2811, 0.2389



15.7500, 0.3448, 0.2658



15.7500, 0.4042, 0.3065

Triad

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



15.7500, 0.3448, 0.2658



15.7500, 0.3922, 0.4366



15.7500, 0.2028, 0.2837

Complementary

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



15.7500, 0.3448, 0.2658



25.2555, 0.2908, 0.4025

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.



15.7500, 0.2264, 0.3441



15.7500, 0.3448, 0.2658



15.7500, 0.3343, 0.4427

Square

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



15.7500, 0.3448, 0.2658



15.7500, 0.4310, 0.4012



15.7500, 0.2736, 0.4073



15.7500, 0.2049, 0.2449

Rectangle

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



15.7500, 0.3448, 0.2658



15.7500, 0.4299, 0.3379



15.7500, 0.2736, 0.4073



15.7500, 0.2078, 0.3020

Sweetspot

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



15.7507, 0.3448, 0.2658



43.9322, 0.3208, 0.3097



13.2599, 0.2666, 0.2219



9.5502, 0.3217, 0.3079



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



15.7507, 0.3448, 0.2658



24.1206, 0.3543, 0.2526



15.0925, 0.3890, 0.3126



5.8755, 0.3187, 0.3146



6.1188, 0.4288, 0.2136



0.0805, 0.3705, 0.1815

Inverse Universe

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



15.7507, 0.3448, 0.2658



24.1206, 0.3543, 0.2526



25.9882, 0.2678, 0.3467



5.8755, 0.3187, 0.3146



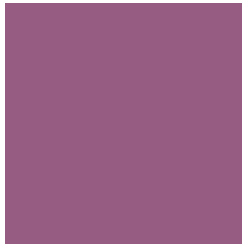
6.1188, 0.4288, 0.2136



0.0805, 0.3705, 0.1815

Previews

White Background



This preview shows how the Yxy color 15.7500, 0.3448, 0.2658 looks on a white background.

Color Contrast Check

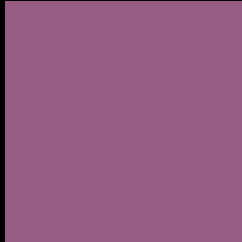
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7500, 0.3448, 0.2658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

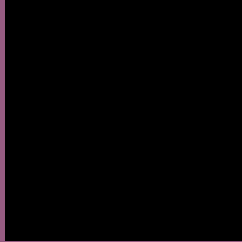
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.7500, 0.3448, 0.2658

Background



This preview shows how black text looks on a background with the Yxy color 15.7500, 0.3448, 0.2658.



This preview shows how white text looks on a background with the Yxy color 15.7500, 0.3448, 0.2658.

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

15.7500, 0.3448, 0.2658

Protanopia

15.9884, 0.2681, 0.2670

Deuteranopia

15.8348, 0.2974, 0.2919



Tritanopia

15.7519, 0.3784, 0.3169

Trichromacy



Original Color

15.7500, 0.3448, 0.2658

Protanomaly

15.5285, 0.2920, 0.2639

Deuteranomaly

15.5733, 0.3136, 0.2807

Tritanomaly

15.6726, 0.3667, 0.2980

Monochromacy



Original Color

15.7500, 0.3448, 0.2658

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.1762, 0.3236, 0.3026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.7500, 0.3448, 0.2658 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(150, 92, 130)` looks like.

```
.text, #text, p{  
    color:rgb(150, 92, 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(150, 92, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 92, 130) }
```

Border

The CSS property to change the border of an element to Yxy 15.7500, 0.3448, 0.2658 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(150, 92, 130) }
```

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

```
.border{ border-color:rgb(150, 92, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 92, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 92, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 92, 130);  
box-shadow:4px 4px 4px 4px rgb(150, 92,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 15.7500, 0.3448, 0.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 92, 130) }
```

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

```
.background{ background-color: rgb(150, 92,  
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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