

Converting Colors

$Y_{xy}(14.3843, 0.4343, 0.2774)$

Have a look what the booklet for
Yxy(14.3843, 0.4343, 0.2774)
contains.

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Color

Yxy(14.3843, 0.4343, 0.2774)

Conversions

Conversions Part 1	
Format	Color
Hex	B04469
RGB	176, 68, 105
RGB Percent	69%, 27%, 41%
CMY	0.3098, 0.7333, 0.5883
CMYK	0.00, 0.61, 0.40, 0.31
HSL	339°, 44%, 48%
HSV	339°, 61%, 69%
XYZ	22.5202, 14.3843, 14.9495
YIQ	104.5100, 52.4910, 34.4030

Conversions

Conversions Part 2

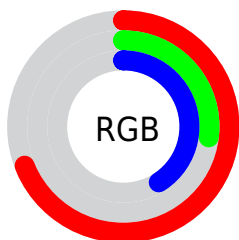
Format	Color
RYB	176, 68, 105
Decimal	11551849
CIELab	44.78, 47.42, 1.61
CIELCh	45, 47.445, 1.949
Yxy	14.3843, 0.4343, 0.2774
Android (android.graphics.Color)	4289741929 (0xFFB04469)
YUV	104.5100, 0.2416, 62.6967
Hunter-Lab	37.9266, 39.6186, 3.1784

Details

The Yxy color **14.3843, 0.4343, 0.2774** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **34.1436, 0.2608, 0.3945**, and the grayscale version is **13.9771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7372, 0.4049, 0.2900**, and **4.3360, 0.4911, 0.2527** is the 20% darker color. If you saturate the color by 10%, you get **12.3440, 0.4666, 0.2736**, and if you desaturate by 10%, it is **17.0975, 0.4051, 0.2841**.

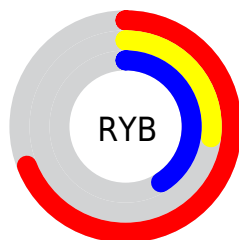
Distribution



Red (69%)

Green (27%)

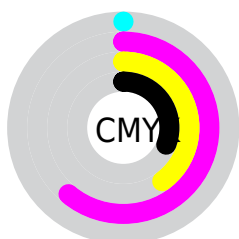
Blue (41%)



Red (69%)

Yellow (27%)

Blue (41%)

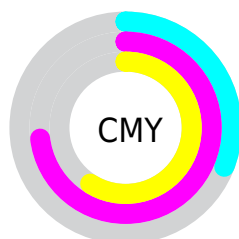


Cyan (0%)

Magenta (61%)

Yellow (40%)

Black (31%)



Cyan (31%)


Magenta (73%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3843, 0.4343, 0.2774 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 14.3843, 0.4343, 0.2774 by changing the saturation by 10% instead.


 14.3843, 0.4343,
0.2774

 14.3843, 0.4343,
0.2774


219.6086, 0.3621,
0.3084


 8.3884, 0.4575,
0.2673


 33.7694, 0.4046,
0.2902


 4.3445, 0.4912,
0.2524


 47.9274, 0.3946,
0.2945


 1.8681, 0.5440,
0.2288


 65.5749, 0.3865,
0.2980

 0.5291, 0.6633,
0.1795

 87.0963, 0.3799,
0.3008

 0.0000, 1.0000,
0.0000


 112.8759, 0.3743,
0.3032

 0.0000, 0.0000,
0.0000

143.2983, 0.3696,

0.3052


178.7477, 0.3656,
0.3069

 14.3843, 0.4343,
0.2774

 14.3843, 0.4343,
0.2774

 12.3440, 0.4666,
0.2736


 17.0975, 0.4051,
0.2841

 10.9138, 0.5005,
0.2737


 20.5344, 0.3798,
0.2923

 10.0229, 0.5335,
0.2786


 24.7435, 0.3585,
0.3014


 9.5587, 0.5598,
0.2857


 29.7684, 0.3407,
0.3106

 35.6494, 0.3261,
0.3195

 42.4243, 0.3142,
0.3279

 50.1283, 0.3044,
0.3357

 58.7951, 0.2963,
0.3430

 68.4563, 0.2897,
0.3496

Harmonies

Analogous

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



14.3843, 0.3351, 0.2259



14.3843, 0.4343, 0.2774



14.3843, 0.4967, 0.3403

Triad

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



14.3843, 0.4343, 0.2774



14.3843, 0.3590, 0.5110



14.3843, 0.1544, 0.2122

Complementary

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



14.3843, 0.4343, 0.2774



34.1436, 0.2608, 0.3945

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.



14.3843, 0.1579, 0.2740



14.3843, 0.4343, 0.2774



14.3843, 0.2691, 0.4774

Square

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



14.3843, 0.4343, 0.2774



14.3843, 0.4418, 0.4735



14.3843, 0.1961, 0.3756



14.3843, 0.1825, 0.1885

Rectangle

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



14.3843, 0.4343, 0.2774



14.3843, 0.5030, 0.3853



14.3843, 0.1961, 0.3756



14.3843, 0.1520, 0.2281

Sweetspot

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



14.3851, 0.4343, 0.2774



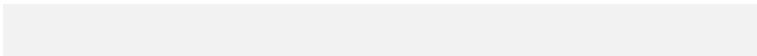
57.0681, 0.3360, 0.3133



12.6908, 0.2702, 0.1680



11.7417, 0.3404, 0.3107



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



14.3851, 0.4343, 0.2774



21.2413, 0.4799, 0.2731



16.0206, 0.4859, 0.3517



8.5517, 0.3235, 0.3212



7.0237, 0.5570, 0.2842



0.2322, 0.4781, 0.2407

Inverse Universe

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



14.3851, 0.4343, 0.2774



21.2413, 0.4799, 0.2731



29.4359, 0.2328, 0.3011



8.5517, 0.3235, 0.3212



7.0237, 0.5570, 0.2842



0.2322, 0.4781, 0.2407

Previews

White Background



This preview shows how the Yxy color 14.3843, 0.4343, 0.2774 looks on a white background.

Color Contrast Check

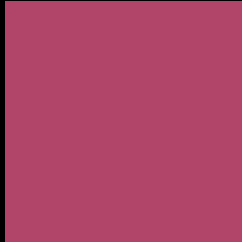
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3843, 0.4343, 0.2774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

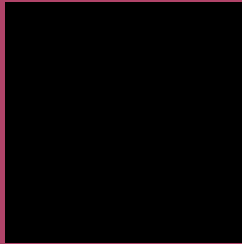
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3843, 0.4343, 0.2774

Background



This preview shows how black text looks on a background with the Yxy color 14.3843, 0.4343, 0.2774.



This preview shows how white text looks on a background with the Yxy color 14.3843, 0.4343, 0.2774.

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

14.3843, 0.4343, 0.2774

Protanopia

14.6914, 0.2810, 0.2841

Deuteranopia

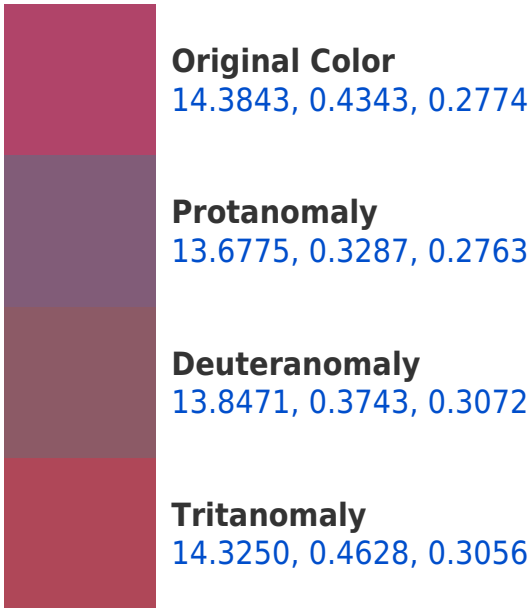
14.5425, 0.3402, 0.3352



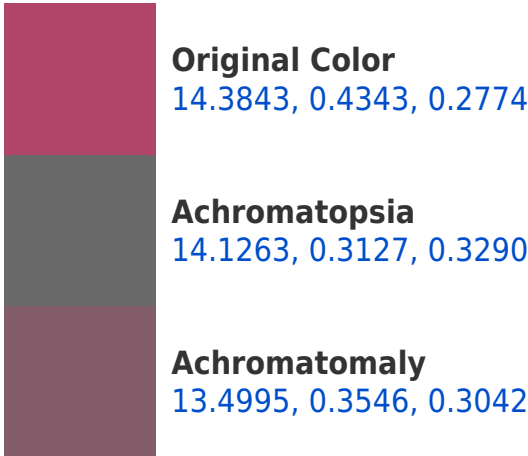
Tritanopia

14.3138, 0.4780, 0.3225

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3843, 0.4343, 0.2774 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(176, 68, 105)` looks like.

```
.text, #text, p{  
    color:rgb(176, 68, 105)  
}
```

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(176, 68, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 68, 105) }
```

Border

The CSS property to change the border of an element to Yxy 14.3843, 0.4343, 0.2774 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(176, 68, 105) }
```

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

```
.border{ border-color:rgb(176, 68, 105) }
```

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

Here you see how a box with a 4 pixel rgb(176, 68, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 68, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 68, 105);  
box-shadow:4px 4px 4px 4px rgb(176, 68,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3843, 0.4343, 0.2774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 68, 105) }
```

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

```
.background{ background-color: rgb(176, 68,  
105) }
```

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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