

Converting Colors

$Y_{xy}(15.2138, 0.3477, 0.2214)$

Have a look what the booklet for
Yxy(15.2138, 0.3477, 0.2214)
contains.

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Color

Yxy(15.2280, 0.3470, 0.2213)

Conversions

Conversions Part 1

Format	Color
Hex	A84994
RGB	168, 73, 148
RGB Percent	66%, 29%, 58%
CMY	0.3412, 0.7137, 0.4195
CMYK	0.00, 0.57, 0.12, 0.34
HSL	313°, 39%, 47%
HSV	313°, 57%, 66%
XYZ	23.8776, 15.2280, 29.7060
YIQ	109.9550, 32.5450, 43.4650

Conversions

Conversions Part 2

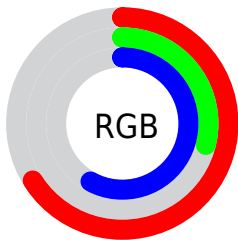
Format	Color
R_{YB}	168, 73, 148
Decimal	11028884
CIE _{Lab}	45.94, 48.49, -22.91
CIE _{LCh}	46, 53.629, 334.706
Yxy	15.2280, 0.3470, 0.2213
Android (android.graphics.Color)	4289218964 (0xFFA84994)
YUV	109.9550, 18.7562, 50.9055
Hunter-Lab	39.0231, 40.9310, -17.8178

Details

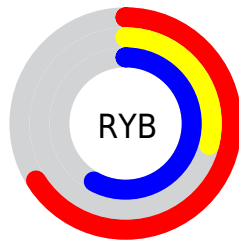
The Yxy color **15.2280, 0.3470, 0.2213** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **30.2122, 0.2920, 0.4711**, and the grayscale version is **15.5180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1935, 0.3404, 0.2436**, and **4.7154, 0.3571, 0.1843** is the 20% darker color. If you saturate the color by 10%, you get **13.2012, 0.3550, 0.2070**, and if you desaturate by 10%, it is **17.8559, 0.3394, 0.2384**.

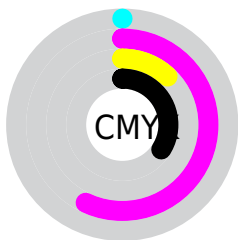
Distribution



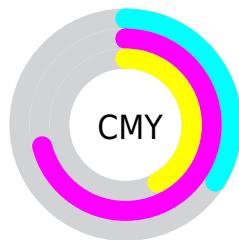
- Red (66%)
- Green (29%)
- Blue (58%)



- Red (66%)
- Yellow (29%)
- Blue (58%)



- Cyan (0%)
- Magenta (57%)
- Yellow (12%)
- Black (34%)





- Cyan (34%)
- Magenta (71%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2280, 0.3470, 0.2213 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 15.2280, 0.3470, 0.2213 by changing the saturation by 10% instead.


 15.2280, 0.3470,
0.2213


 15.2280, 0.3470,
0.2213


224.7421, 0.3291,
0.2795


 8.9796, 0.3516,
0.2054


 35.2527, 0.3404,
0.2435


 4.7279, 0.3573,
0.1843


 49.7977, 0.3379,
0.2515


 2.0885, 0.3648,
0.1553

 67.8770, 0.3359,
0.2582

 0.6581, 0.3751,
0.1109

 89.8750, 0.3341,
0.2638

 0.0000, 0.4031,
0.0000

 116.1762, 0.3326,
0.2686

 0.0000, 0.0000,
0.0000

147.1648, 0.3313,

0.2727

183.2253, 0.3302,
0.2763

■ 15.2280, 0.3470,
0.2213

■ 15.2280, 0.3470,
0.2213

■ 13.2012, 0.3550,
0.2070

■ 17.8559, 0.3394,
0.2384

■ 11.7241, 0.3632,
0.1963

■ 21.1265, 0.3324,
0.2573

■ 10.7402, 0.3714,
0.1900

■ 25.0803, 0.3260,
0.2771

■ 10.1689, 0.3793,
0.1881

■ 29.7537, 0.3204,
0.2971

■ 10.0092, 0.3820,
0.1878

■ 35.1806, 0.3155,
0.3166

■ 41.3928, 0.3113,
0.3354

■ 48.4201, 0.3077,
0.3530

■ 56.2908, 0.3047,
0.3695

■ 65.0321, 0.3021,
0.3847

Harmonies

Analogous

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



15.2280, 0.2442, 0.1857



15.2280, 0.3470, 0.2213



15.2280, 0.4561, 0.2776

Triad

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



15.2280, 0.3470, 0.2213



15.2280, 0.4433, 0.4902



15.2280, 0.1430, 0.2585

Complementary

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



15.2280, 0.3470, 0.2213



30.2122, 0.2920, 0.4711

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.



15.2280, 0.1791, 0.3683



15.2280, 0.3470, 0.2213



15.2280, 0.3511, 0.5317

Square

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



15.2280, 0.3470, 0.2213



15.2280, 0.5083, 0.4177



15.2280, 0.2543, 0.4881



15.2280, 0.1431, 0.1971

Rectangle

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



15.2280, 0.3470, 0.2213



15.2280, 0.5055, 0.3217



15.2280, 0.2543, 0.4881



15.2280, 0.1506, 0.2901

Sweetspot

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



15.2287, 0.3470, 0.2213



53.2965, 0.3208, 0.2956



9.8675, 0.2238, 0.1593



11.2468, 0.3219, 0.2918



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



15.2287, 0.3470, 0.2213



23.1371, 0.3572, 0.2037



14.0394, 0.4267, 0.2866



7.6392, 0.3168, 0.3113



7.5661, 0.3813, 0.1874



0.1907, 0.3580, 0.1746

Inverse Universe

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



15.2287, 0.3470, 0.2213



23.1371, 0.3572, 0.2037



31.3009, 0.2607, 0.3804



7.6392, 0.3168, 0.3113



7.5661, 0.3813, 0.1874



0.1907, 0.3580, 0.1746

Previews

White Background



This preview shows how the Yxy color 15.2280, 0.3470, 0.2213 looks on a white background.

Color Contrast Check

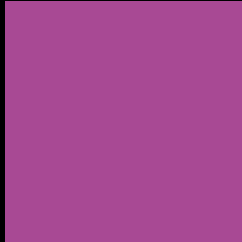
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2280, 0.3470, 0.2213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

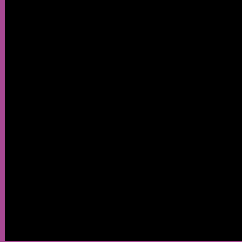
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.2280, 0.3470, 0.2213

Background



This preview shows how black text looks on a background with the Yxy color 15.2280, 0.3470, 0.2213.



This preview shows how white text looks on a background with the Yxy color 15.2280, 0.3470, 0.2213.

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

15.2280, 0.3470, 0.2213

Protanopia

15.4890, 0.2212, 0.2056

Deuteranopia

15.5029, 0.2666, 0.2628



Tritanopia

15.2881, 0.4243, 0.3198

Trichromacy



Original Color

15.2280, 0.3470, 0.2213

Protanomaly

14.5150, 0.2546, 0.2063

Deuteranomaly

14.6337, 0.2924, 0.2413

Tritanomaly

15.1194, 0.3957, 0.2808

Monochromacy



Original Color

15.2280, 0.3470, 0.2213

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

14.8299, 0.3251, 0.2792

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2280, 0.3470, 0.2213 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(168, 73, 148)` looks like.

```
.text, #text, p{  
  color:rgb(168, 73, 148)  
}
```

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(168, 73, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 73, 148) }
```

Border

The CSS property to change the border of an element to Yxy 15.2280, 0.3470, 0.2213 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(168, 73, 148) }
```

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

```
.border{ border-color:rgb(168, 73, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 73, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 73, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 73, 148);  
box-shadow:4px 4px 4px 4px rgb(168, 73,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2280, 0.3470, 0.2213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 73, 148) }
```

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

```
.background{ background-color: rgb(168, 73,  
148) }
```

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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