

Converting Colors

$Y_{xy}(11.5220, 0.3116, 0.2189)$

Have a look what the booklet for
Yxy(11.5220, 0.3116, 0.2189)
contains.

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Color

Yxy(11.4482, 0.3117, 0.2183)

Conversions

Conversions Part 1

Format	Color
Hex	844988
RGB	132, 73, 136
RGB Percent	52%, 29%, 53%
CMY	0.4822, 0.7138, 0.4666
CMYK	0.03, 0.46, 0.00, 0.47
HSL	296°, 30%, 41%
HSV	296°, 46%, 53%
XYZ	16.3463, 11.4482, 24.6480
YIQ	97.8230, 14.9410, 32.1010

Conversions

Conversions Part 2

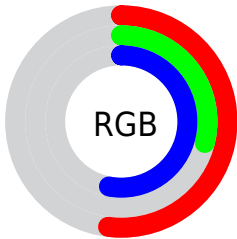
Format	Color
R_{YB}	132, 73, 136
Decimal	8669576
CIE _{Lab}	40.33, 35.27, -24.78
CIE _{LCh}	40, 43.106, 324.914
Yxy	11.4482, 0.3117, 0.2183
Android (android.graphics.Color)	4286859656 (0xFF844988)
YUV	97.8230, 18.8213, 29.9732
Hunter-Lab	33.8352, 27.0247, -19.5065

Details

The Yxy color **11.4482, 0.3117, 0.2183** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **19.6715, 0.3100, 0.4667**, and the grayscale version is **12.1174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.5721, 0.3125, 0.2429**, and **3.0745, 0.3070, 0.1748** is the 20% darker color. If you saturate the color by 10%, you get **9.7839, 0.3109, 0.1974**, and if you desaturate by 10%, it is **13.5050, 0.3122, 0.2413**.

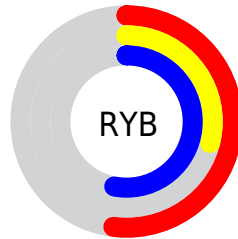
Distribution



Red (52%)

Green (29%)

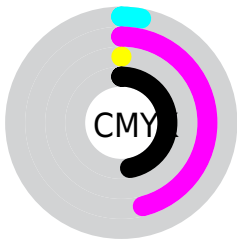
Blue (53%)



Red (52%)

Yellow (29%)

Blue (53%)

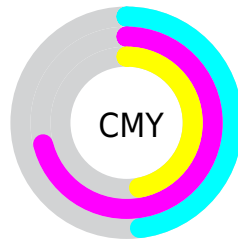


Cyan (3%)

Magenta (46%)

Yellow (0%)

Black (47%)



Cyan (48%)


Magenta (71%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4482, 0.3117, 0.2183 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 11.4482, 0.3117, 0.2183 by changing the saturation by 10% instead.


 11.4482, 0.3117,
0.2183


 11.4482, 0.3117,
0.2183


200.7172, 0.3142,
0.2808


 6.3692, 0.3098,
0.2001


 28.4860, 0.3134,
0.2429


 3.0708, 0.3063,
0.1752

 41.2136, 0.3137,
0.2515

 1.1688, 0.2989,
0.1396

 57.2595, 0.3140,
0.2586

 0.0360, 0.3039,
0.0122

 77.0081, 0.3141,
0.2646

 0.0000, 0.0000,
0.0000

 100.8437, 0.3142,
0.2696

129.1509, 0.3142,

0.2738

162.3139, 0.3142,
0.2776

■ 11.4482, 0.3117,
0.2183

■ 11.4482, 0.3117,
0.2183

■ 9.7839, 0.3109,
0.1974

■ 13.5050, 0.3122,
0.2413

■ 8.4848, 0.3100,
0.1793

■ 15.9762, 0.3126,
0.2655

■ 7.5226, 0.3088,
0.1649

■ 18.8840, 0.3128,
0.2900

■ 6.8640, 0.3075,
0.1545

■ 22.2483, 0.3128,
0.3141

■ 6.4535, 0.3060,
0.1478

■ 26.0881, 0.3127,
0.3374

■ 6.3213, 0.3055,
0.1456

■ 30.4212, 0.3125,
0.3594

■ 35.2644, 0.3122,
0.3799

■ 40.6338, 0.3118,
0.3989

■ 46.5447, 0.3115,
0.4162

Harmonies

Analogous

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



11.4482, 0.2276, 0.1929



11.4482, 0.3117, 0.2183



11.4482, 0.4107, 0.2651

Triad

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



11.4482, 0.3117, 0.2183



11.4482, 0.4558, 0.4576



11.4482, 0.1659, 0.2957

Complementary

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



11.4482, 0.3117, 0.2183



19.6715, 0.3100, 0.4667

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.



11.4482, 0.2124, 0.4007



11.4482, 0.3117, 0.2183



11.4482, 0.3792, 0.5038

Square

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



11.4482, 0.3117, 0.2183



11.4482, 0.4982, 0.3916



11.4482, 0.2904, 0.4894



11.4482, 0.1548, 0.2249

Rectangle

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



11.4482, 0.3117, 0.2183



11.4482, 0.4653, 0.3044



11.4482, 0.2904, 0.4894



11.4482, 0.1774, 0.3282

Sweetspot

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



11.4487, 0.3117, 0.2183



34.4115, 0.3128, 0.2949



8.5277, 0.2303, 0.1992



7.7222, 0.3128, 0.2903



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



11.4487, 0.3117, 0.2183



17.0127, 0.3109, 0.1957



11.0965, 0.3630, 0.2636



5.1131, 0.3128, 0.3074



5.9825, 0.3055, 0.1457



0.0420, 0.3137, 0.1502

Inverse Universe

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



10.5342, 0.4240, 0.3219



15.2255, 0.4668, 0.3207



19.9556, 0.2826, 0.4066



5.0534, 0.3271, 0.3277



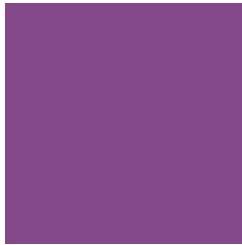
4.9725, 0.6303, 0.3246



0.0336, 0.5882, 0.3014

Previews

White Background



This preview shows how the Yxy color 11.4482, 0.3117, 0.2183 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 11.4482, 0.3117, 0.2183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

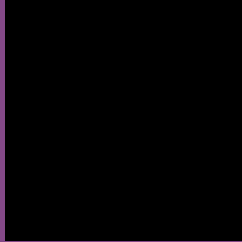
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4482, 0.3117, 0.2183

Background



This preview shows how black text looks on a background with the Yxy color 11.4482, 0.3117, 0.2183.



This preview shows how white text looks on a background with the Yxy color 11.4482, 0.3117, 0.2183.

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

11.4482, 0.3117, 0.2183

Protanopia

11.6830, 0.2225, 0.2092

Deuteranopia

11.5562, 0.2526, 0.2468



Tritanopia

11.5145, 0.3751, 0.3171

Trichromacy



Original Color

11.4482, 0.3117, 0.2183

Protanomaly

11.1418, 0.2473, 0.2086

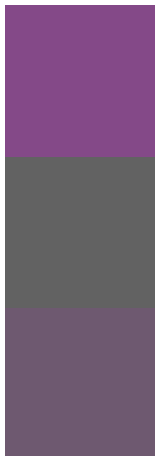
Deuteranomaly

11.1157, 0.2710, 0.2330

Tritanomaly

11.3881, 0.3504, 0.2767

Monochromacy



Original Color

11.4482, 0.3117, 0.2183

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

11.6296, 0.3119, 0.2806

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4482, 0.3117, 0.2183 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(132, 73, 136)` looks like.

```
.text, #text, p{  
    color:rgb(132, 73, 136)  
}
```

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(132, 73, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 73, 136) }
```

Border

The CSS property to change the border of an element to Yxy 11.4482, 0.3117, 0.2183 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(132, 73, 136) }
```

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

```
.border{ border-color:rgb(132, 73, 136) }
```

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

Here you see how a box with a 4 pixel rgb(132, 73, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 73, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 73, 136);  
box-shadow:4px 4px 4px 4px rgb(132, 73,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4482, 0.3117, 0.2183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 73, 136) }
```

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

```
.background{ background-color: rgb(132, 73,  
136) }
```

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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