

Converting Colors

$Y_{xy}(11.2448, 0.3035, 0.2164)$

Have a look what the booklet for
Yxy(11.2448, 0.3035, 0.2164)
contains.

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Color

Yxy(11.2157, 0.3026, 0.2160)

Conversions

Conversions Part 1

Format	Color
Hex	7F4A89
RGB	127, 74, 137
RGB Percent	50%, 29%, 54%
CMY	0.5021, 0.7097, 0.4628
CMYK	0.07, 0.46, 0.00, 0.46
HSL	290°, 30%, 41%
HSV	290°, 46%, 54%
XYZ	15.7124, 11.2157, 24.9965
YIQ	97.0290, 11.3650, 30.8290

Conversions

Conversions Part 2

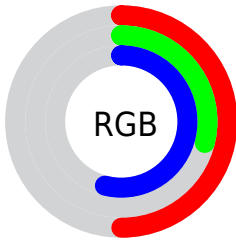
Format	Color
R_{YB}	127, 74, 137
Decimal	8342153
CIE _{Lab}	39.94, 33.29, -26.01
CIE _{LCh}	40, 42.244, 321.994
Yxy	11.2157, 0.3026, 0.2160
Android (android.graphics.Color)	4286532233 (0xFF7F4A89)
YUV	97.0290, 19.7057, 26.2846
Hunter-Lab	33.4898, 25.1392, -20.8105

Details

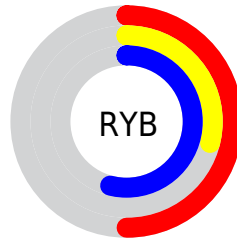
The Yxy color **11.2157, 0.3026, 0.2160** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **20.2670, 0.3162, 0.4630**, and the grayscale version is **11.9108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0006, 0.3062, 0.2404**, and **2.9634, 0.2921, 0.1708** is the 20% darker color. If you saturate the color by 10%, you get **9.4161, 0.2993, 0.1933**, and if you desaturate by 10%, it is **13.4183, 0.3055, 0.2404**.

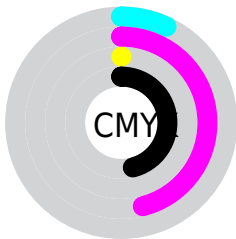
Distribution



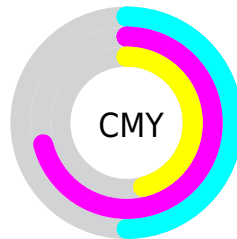
- Red (50%)
- Green (29%)
- Blue (54%)



- Red (50%)
- Yellow (29%)
- Blue (54%)



- Cyan (7%)
- Magenta (46%)
- Yellow (0%)
- Black (46%)





- Cyan (50%)
- Magenta (71%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2157, 0.3026, 0.2160 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 11.2157, 0.3026, 0.2160 by changing the saturation by 10% instead.


 11.2157, 0.3026,
0.2160

 11.2157, 0.3026,
0.2160


199.1415, 0.3106,
0.2799

 6.2121, 0.2990,
0.1973


 28.0583, 0.3065,
0.2412


 2.9745, 0.2928,
0.1718

 40.6662, 0.3077,
0.2500


 1.1184, 0.2813,
0.1354

 56.5776, 0.3085,
0.2573

 0.0000, 0.2790,
0.0000

 76.1769, 0.3091,
0.2634

 0.0000, 0.0000,
0.0000

 99.8486, 0.3096,
0.2685

127.9769, 0.3100,

0.2728

160.9464, 0.3103,
0.2766

■ 11.2157, 0.3026,
0.2160

■ 11.2157, 0.3026,
0.2160

■ 9.4161, 0.2993,
0.1933

■ 13.4183, 0.3055,
0.2404

■ 7.9918, 0.2956,
0.1733

■ 16.0461, 0.3081,
0.2655

■ 6.9140, 0.2917,
0.1568

■ 19.1216, 0.3102,
0.2906

■ 6.1492, 0.2877,
0.1443

■ 22.6653, 0.3119,
0.3150

■ 5.6446, 0.2836,
0.1358

■ 26.6962, 0.3132,
0.3382

■ 5.4645, 0.2820,
0.1327

■ 31.2324, 0.3143,
0.3601

■ 36.2911, 0.3150,
0.3803

■ 41.8886, 0.3156,
0.3988

■ 48.0406, 0.3159,
0.4157

Harmonies

Analogous

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



11.2157, 0.2221, 0.1932



11.2157, 0.3026, 0.2160



11.2157, 0.4004, 0.2607

Triad

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



11.2157, 0.3026, 0.2160



11.2157, 0.4604, 0.4506



11.2157, 0.1705, 0.3053

Complementary

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



11.2157, 0.3026, 0.2160



20.2670, 0.3162, 0.4630

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.



11.2157, 0.2201, 0.4102



11.2157, 0.3026, 0.2160



11.2157, 0.3870, 0.4991

Square

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



11.2157, 0.3026, 0.2160



11.2157, 0.4974, 0.3849



11.2157, 0.2994, 0.4919



11.2157, 0.1560, 0.2312

Rectangle

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



11.2157, 0.3026, 0.2160



11.2157, 0.4566, 0.2989



11.2157, 0.2994, 0.4919



11.2157, 0.1830, 0.3384

Sweetspot

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



11.2162, 0.3026, 0.2160



35.2436, 0.3105, 0.2947



9.6834, 0.2334, 0.2142



7.6518, 0.3101, 0.2900



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.



11.2162, 0.3026, 0.2160



16.7948, 0.2992, 0.1928



11.4782, 0.3514, 0.2534



5.0894, 0.3114, 0.3073



5.0959, 0.2821, 0.1328



0.0389, 0.3022, 0.1438

Inverse Universe

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



10.8580, 0.4110, 0.3106



16.1525, 0.4467, 0.3073



20.1692, 0.2882, 0.4202



5.0607, 0.3257, 0.3255



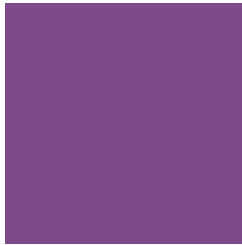
5.0085, 0.6122, 0.3146



0.0347, 0.5279, 0.2682

Previews

White Background



This preview shows how the Yxy color 11.2157, 0.3026, 0.2160 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 11.2157, 0.3026, 0.2160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

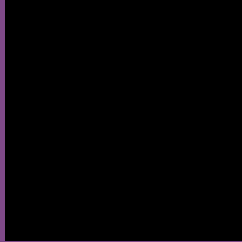
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2157, 0.3026, 0.2160

Background



This preview shows how black text looks on a background with the Yxy color 11.2157, 0.3026, 0.2160.



This preview shows how white text looks on a background with the Yxy color 11.2157, 0.3026, 0.2160.

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

11.2157, 0.3026, 0.2160

Protanopia

11.4682, 0.2212, 0.2069

Deuteranopia

11.4482, 0.2482, 0.2443



Tritanopia

11.3173, 0.3644, 0.3167

Trichromacy



Original Color

11.2157, 0.3026, 0.2160

Protanomaly

10.9863, 0.2438, 0.2075

Deuteranomaly

11.1343, 0.2661, 0.2324

Tritanomaly

11.1785, 0.3402, 0.2752

Monochromacy



Original Color

11.2157, 0.3026, 0.2160

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.5028, 0.3088, 0.2801

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2157, 0.3026, 0.2160 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(127, 74, 137)` looks like.

```
.text, #text, p{  
    color:rgb(127, 74, 137)  
}
```

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(127, 74, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 74, 137) }
```

Border

The CSS property to change the border of an element to Yxy 11.2157, 0.3026, 0.2160 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(127, 74, 137) }
```

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

```
.border{ border-color:rgb(127, 74, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 74, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 74, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 74, 137);  
box-shadow:4px 4px 4px 4px rgb(127, 74,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2157, 0.3026, 0.2160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 74, 137) }
```

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

```
.background{ background-color: rgb(127, 74,  
137) }
```

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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