

Converting Colors

$Y_{xy}(11.4891, 0.2871, 0.2107)$

Have a look what the booklet for
Yxy(11.4891, 0.2871, 0.2107)
contains.

Yxy(11.4285, 0.2873, 0.2099)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.4285, 0.2873, 0.2099)

Conversions

Conversions Part 1

Format	Color
Hex	7A4D8F
RGB	122, 77, 143
RGB Percent	48%, 30%, 56%
CMY	0.5214, 0.6981, 0.4391
CMYK	0.15, 0.46, 0.00, 0.44
HSL	281°, 30%, 43%
HSV	281°, 46%, 56%
XYZ	15.6427, 11.4285, 27.3761
YIQ	97.9790, 5.6340, 30.0660

Conversions

Conversions Part 2

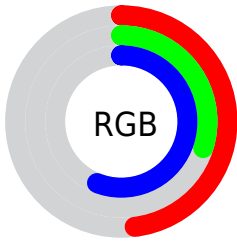
Format	Color
R_{YB}	122, 77, 143
Decimal	8015247
CIE Lab	40.29, 31.36, -29.17
CIE LCh	40, 42.836, 317.072
Yxy	11.4285, 0.2873, 0.2099
Android (android.graphics.Color)	4286205327 (0xFF7A4D8F)
YUV	97.9790, 22.1954, 21.0664
Hunter-Lab	33.8061, 23.4348, -24.3488

Details

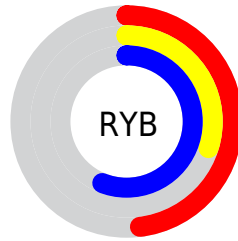
The Yxy color **11.4285, 0.2873, 0.2099** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **22.7814, 0.3270, 0.4599**, and the grayscale version is **12.1515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4401, 0.2953, 0.2361**, and **3.0408, 0.2702, 0.1645** is the 20% darker color. If you saturate the color by 10%, you get **9.3193, 0.2797, 0.1846**, and if you desaturate by 10%, it is **13.9942, 0.2942, 0.2364**.

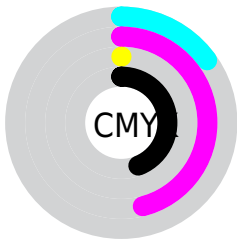
Distribution



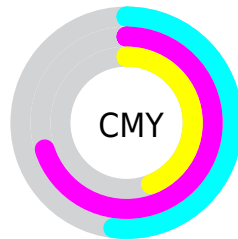
- Red (48%)
- Green (30%)
- Blue (56%)



- Red (48%)
- Yellow (30%)
- Blue (56%)



- Cyan (15%)
- Magenta (46%)
- Yellow (0%)
- Black (44%)



- Cyan (52%)
- Magenta (70%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.4285, 0.2873, 0.2099 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 11.4285, 0.2873, 0.2099 by changing the saturation by 10% instead.

■ 11.4285, 0.2873,
0.2099

■ 11.4285, 0.2873,
0.2099

■ 200.5842, 0.3044,
0.2769

■ 6.3558, 0.2808,
0.1906

■ 28.4499, 0.2950,
0.2361

■ 3.0626, 0.2706,
0.1646

■ 41.1673, 0.2974,
0.2454

■ 1.1645, 0.2532,
0.1280

■ 57.2019, 0.2992,
0.2530

■ 0.0324, 0.2353,
0.0096

■ 76.9378, 0.3007,
0.2594

■ 0.0000, 0.0000,
0.0000

■ 100.7597, 0.3019,
0.2648

129.0517, 0.3029,

0.2694

162.1984, 0.3037,
0.2734

■ 11.4285, 0.2873,
0.2099

■ 11.4285, 0.2873,
0.2099

■ 9.3193, 0.2797,
0.1846

■ 13.9942, 0.2942,
0.2364

■ 7.6358, 0.2716,
0.1616

■ 17.0417, 0.3004,
0.2632

■ 6.3455, 0.2632,
0.1419


■ 20.5960, 0.3057,
0.2893

■ 5.4107, 0.2548,
0.1265


■ 24.6802, 0.3103,
0.3143


■ 4.7729, 0.2466,
0.1154

■ 29.3156, 0.3141,
0.3378

 4.5569, 0.2435,
0.1115

 34.5227, 0.3172,
0.3594

 40.3206, 0.3198,
0.3793

 46.7276, 0.3219,
0.3973

 53.7614, 0.3235,
0.4137

Harmonies

Analogous

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



11.4285, 0.2112, 0.1910



11.4285, 0.2873, 0.2099



11.4285, 0.3850, 0.2516

Triad

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



11.4285, 0.2873, 0.2099



11.4285, 0.4705, 0.4407



11.4285, 0.1752, 0.3210

Complementary

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



11.4285, 0.2873, 0.2099



22.7814, 0.3270, 0.4599

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.



11.4285, 0.2309, 0.4280



11.4285, 0.2873, 0.2099



11.4285, 0.4010, 0.4949

Square

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



11.4285, 0.2873, 0.2099



11.4285, 0.4997, 0.3740



11.4285, 0.3137, 0.5000



11.4285, 0.1552, 0.2398

Rectangle

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



11.4285, 0.2873, 0.2099



11.4285, 0.4454, 0.2887



11.4285, 0.3137, 0.5000



11.4285, 0.1898, 0.3559

Sweetspot

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



11.4290, 0.2873, 0.2099



38.1735, 0.3066, 0.2941



12.4832, 0.2368, 0.2368



8.4439, 0.3057, 0.2892



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



11.4290, 0.2873, 0.2099



16.6887, 0.2797, 0.1846



12.8128, 0.3342, 0.2359



5.4263, 0.3090, 0.3070



4.0394, 0.2439, 0.1117



0.0504, 0.2811, 0.1322

Inverse Universe

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



12.0276, 0.3926, 0.2917



18.0305, 0.4201, 0.2847



21.9325, 0.2973, 0.4452



5.4506, 0.3235, 0.3220



5.3374, 0.5635, 0.2878



0.0547, 0.4576, 0.2294

Previews

White Background



This preview shows how the Yxy color 11.4285, 0.2873, 0.2099 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 11.4285, 0.2873, 0.2099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

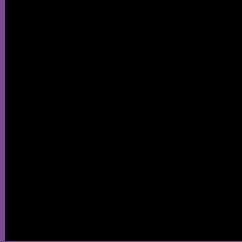
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4285, 0.2873, 0.2099

Background



This preview shows how black text looks on a background with the Yxy color 11.4285, 0.2873, 0.2099.



This preview shows how white text looks on a background with the Yxy color 11.4285, 0.2873, 0.2099.

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

11.4285, 0.2873, 0.2099

Protanopia

11.5282, 0.2168, 0.2007

Deuteranopia

11.6556, 0.2378, 0.2332



Tritanopia

11.4505, 0.3464, 0.3142

Trichromacy



Original Color

11.4285, 0.2873, 0.2099

Protanomaly

11.1581, 0.2363, 0.2013

Deuteranomaly

11.2297, 0.2525, 0.2213

Tritanomaly

11.3621, 0.3251, 0.2722

Monochromacy



Original Color

11.4285, 0.2873, 0.2099

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

11.6530, 0.3044, 0.2781

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4285, 0.2873, 0.2099 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(122, 77, 143)` looks like.

```
.text, #text, p{  
    color:rgb(122, 77, 143)  
}
```

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(122, 77, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 77, 143) }
```

Border

The CSS property to change the border of an element to Yxy 11.4285, 0.2873, 0.2099 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(122, 77, 143) }
```

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

```
.border{ border-color:rgb(122, 77, 143) }
```

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

Here you see how a box with a 4 pixel rgb(122, 77, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 77, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 77, 143);  
box-shadow:4px 4px 4px 4px rgb(122, 77,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4285, 0.2873, 0.2099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 77, 143) }
```

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

```
.background{ background-color: rgb(122, 77,  
143) }
```

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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