

Converting Colors

$Y_{xy}(11.1305, 0.2446, 0.1651)$

Have a look what the booklet for
Yxy(11.1305, 0.2446, 0.1651)
contains.

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Color

Yxy(11.0857, 0.2446, 0.1646)

Conversions

Conversions Part 1

Format	Color
Hex	7148AB
RGB	113, 72, 171
RGB Percent	44%, 28%, 67%
CMY	0.5570, 0.7176, 0.3295
CMYK	0.34, 0.58, 0.00, 0.33
HSL	265°, 41%, 48%
HSV	265°, 58%, 67%
XYZ	16.4736, 11.0857, 39.7900
YIQ	95.5450, -7.3430, 39.4810

Conversions

Conversions Part 2

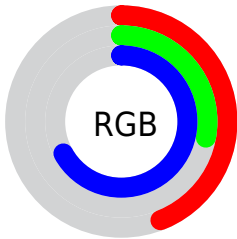
Format	Color
R_{YB}	113, 72, 171
Decimal	7424171
CIE _{Lab}	39.72, 38.58, -46.91
CIE _{LCh}	40, 60.741, 309.436
Yxy	11.0857, 0.2446, 0.1646
Android (android.graphics.Color)	4285614251 (0xFF7148AB)
YUV	95.5450, 37.1993, 15.3080
Hunter-Lab	33.2952, 30.0508, -47.5489

Details

The Yxy color **11.0857, 0.2446, 0.1646** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **34.3354, 0.3527, 0.4855**, and the grayscale version is **11.4922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7899, 0.2625, 0.1973**, and **2.8911, 0.2101, 0.1125** is the 20% darker color. If you saturate the color by 10%, you get **8.5453, 0.2297, 0.1373**, and if you desaturate by 10%, it is **14.3151, 0.2592, 0.1943**.

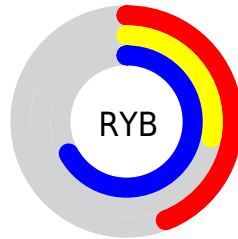
Distribution



Red (44%)

Green (28%)

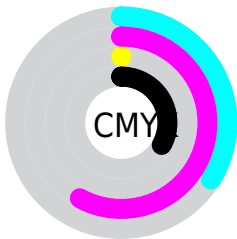
Blue (67%)



Red (44%)

Yellow (28%)

Blue (67%)

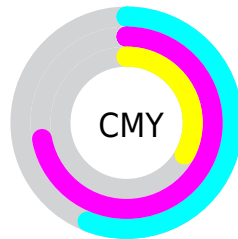


Cyan (34%)

Magenta (58%)

Yellow (0%)

Black (33%)



Cyan (56%)


Magenta (72%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0857, 0.2446, 0.1646 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 11.0857, 0.2446, 0.1646 by changing the saturation by 10% instead.


 11.0857, 0.2446,
0.1646


 11.0857, 0.2446,
0.1646


198.2546, 0.2873,
0.2528


 6.1245, 0.2307,
0.1420


 27.8185, 0.2624,
0.1975


 2.9209, 0.2110,
0.1135

 40.3590, 0.2684,
0.2096


 1.0906, 0.1817,
0.0780

 56.1946, 0.2732,
0.2198

 0.0000, 0.1422,
0.0000

 75.7098, 0.2771,
0.2285

 0.0000, 0.0000,
0.0000

 99.2890, 0.2803,
0.2358

127.3166, 0.2830,

0.2422

160.1770, 0.2853,
0.2478

■ 11.0857, 0.2446,
0.1646

■ 11.0857, 0.2446,
0.1646

■ 8.5453, 0.2297,
0.1373

■ 14.3151, 0.2592,
0.1943

■ 6.6380, 0.2151,
0.1138

■ 18.2809, 0.2729,
0.2247

■ 5.3005, 0.2015,
0.0956

■ 23.0277, 0.2853,
0.2546

■ 4.4301, 0.1897,
0.0830

■ 28.5959, 0.2964,
0.2831

■ 4.2697, 0.1873,
0.0805

■ 35.0234, 0.3061,
0.3097

■ 42.3454, 0.3144,
0.3340

■ 50.5952, 0.3214,
0.3559

■ 59.8044, 0.3274,
0.3755

■ 70.0030, 0.3324,
0.3930

Harmonies

Analogous

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



11.0857, 0.1594, 0.1485



11.0857, 0.2446, 0.1646



11.0857, 0.3758, 0.2090

Triad

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



11.0857, 0.2446, 0.1646



11.0857, 0.5334, 0.4347



11.0857, 0.1402, 0.3490

Complementary

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



11.0857, 0.2446, 0.1646



34.3354, 0.3527, 0.4855

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.



11.0857, 0.2184, 0.5167



11.0857, 0.2446, 0.1646



11.0857, 0.4426, 0.5288

Square

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



11.0857, 0.2446, 0.1646



11.0857, 0.5682, 0.3501



11.0857, 0.3291, 0.5855



11.0857, 0.1102, 0.2226

Rectangle

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



11.0857, 0.2446, 0.1646



11.0857, 0.4698, 0.2514



11.0857, 0.3291, 0.5855



11.0857, 0.1608, 0.4057

Sweetspot

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



11.0861, 0.2446, 0.1646



51.8470, 0.2970, 0.2847



20.6579, 0.2263, 0.2569



11.1014, 0.2950, 0.2794



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



11.0861, 0.2446, 0.1646



14.4092, 0.2262, 0.1314



15.1632, 0.3059, 0.1902



7.9130, 0.3048, 0.3060



3.2489, 0.1883, 0.0811



0.1229, 0.2250, 0.1013

Inverse Universe

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



14.9061, 0.3804, 0.2450



22.2205, 0.4023, 0.2327



31.3771, 0.3109, 0.5081



8.0911, 0.3198, 0.3158



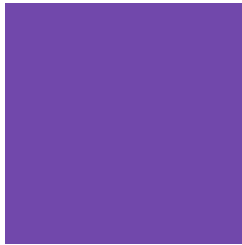
7.2346, 0.4570, 0.2291



0.2118, 0.4058, 0.2009

Previews

White Background



This preview shows how the Yxy color 11.0857, 0.2446, 0.1646 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 11.0857, 0.2446, 0.1646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

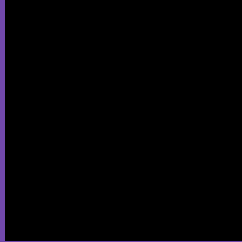
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0857, 0.2446, 0.1646

Background



This preview shows how black text looks on a background with the Yxy color 11.0857, 0.2446, 0.1646.



This preview shows how white text looks on a background with the Yxy color 11.0857, 0.2446, 0.1646.

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

11.0857, 0.2446, 0.1646

Protanopia

11.1685, 0.1773, 0.1498

Deuteranopia

11.1845, 0.1900, 0.1856



Tritanopia

11.1518, 0.3119, 0.3129

Trichromacy



Original Color

11.0857, 0.2446, 0.1646

Protanomaly

10.3623, 0.1884, 0.1489

Deuteranomaly

10.5734, 0.2003, 0.1725

Tritanomaly

10.8612, 0.2835, 0.2455

Monochromacy



Original Color

11.0857, 0.2446, 0.1646

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.0712, 0.2848, 0.2530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0857, 0.2446, 0.1646 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(113, 72, 171)` looks like.

```
.text, #text, p{  
    color:rgb(113, 72, 171)  
}
```

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(113, 72, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 72, 171) }
```

Border

The CSS property to change the border of an element to Yxy 11.0857, 0.2446, 0.1646 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(113, 72, 171) }
```

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

```
.border{ border-color:rgb(113, 72, 171) }
```

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

Here you see how a box with a 4 pixel rgb(113, 72, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 72, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 72, 171);  
box-shadow:4px 4px 4px 4px rgb(113, 72,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0857, 0.2446, 0.1646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 72, 171) }
```

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

```
.background{ background-color: rgb(113, 72,  
171) }
```

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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