

Converting Colors

$Y_{xy}(11.9169, 0.2419, 0.1472)$

Have a look what the booklet for
Yxy(11.9169, 0.2419, 0.1472)
contains.

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Color

Yxy(11.9305, 0.2421, 0.1474)

Conversions

Conversions Part 1

Format	Color
Hex	7D42BD
RGB	125, 66, 189
RGB Percent	49%, 26%, 74%
CMY	0.5096, 0.7413, 0.2588
CMYK	0.34, 0.65, 0.00, 0.26
HSL	269°, 48%, 50%
HSV	269°, 65%, 74%
XYZ	19.5955, 11.9305, 49.4136
YIQ	97.6630, -4.3190, 50.7610

Conversions

Conversions Part 2

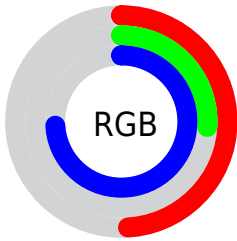
Format	Color
R_{YB}	125, 66, 189
Decimal	8209085
CIE _{Lab}	41.11, 49.23, -55.24
CIE _{LCh}	41, 73.993, 311.710
Yxy	11.9305, 0.2421, 0.1474
Android (android.graphics.Color)	4286399165 (0xFF7D42BD)
YUV	97.6630, 45.0291, 23.9745
Hunter-Lab	34.5406, 40.8203, -60.6417

Details

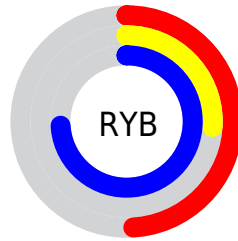
The Yxy color **11.9305, 0.2421, 0.1474** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **41.5282, 0.3478, 0.5091**, and the grayscale version is **12.0129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.3215, 0.2607, 0.1807**, and **3.2774, 0.2082, 0.0981** is the 20% darker color. If you saturate the color by 10%, you get **9.3729, 0.2285, 0.1238**, and if you desaturate by 10%, it is **15.2915, 0.2556, 0.1746**.

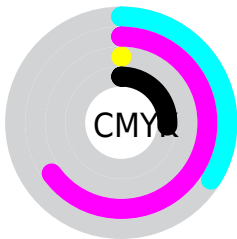
Distribution



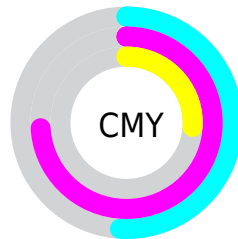
- Red (49%)
- Green (26%)
- Blue (74%)



- Red (49%)
- Yellow (26%)
- Blue (74%)



- Cyan (34%)
- Magenta (65%)
- Yellow (0%)
- Black (26%)





- Cyan (51%)
- Magenta (74%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9305, 0.2421, 0.1474 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 11.9305, 0.2421, 0.1474 by changing the saturation by 10% instead.


 11.9305, 0.2421,
0.1474


 11.9305, 0.2421,
0.1474


203.9446, 0.2862,
0.2406


 6.6964, 0.2283,
0.1252


 29.3685, 0.2603,
0.1809


 3.2729, 0.2090,
0.0983


 42.3411, 0.2665,
0.1937


 1.2758, 0.1815,
0.0665

 58.6620, 0.2714,
0.2046

 0.1224, 0.1440,
0.0125

 78.7156, 0.2755,
0.2139

 0.0000, 0.0598,
0.0000

 102.8862, 0.2789,
0.2219

 0.0000, 0.0000,
0.0000

131.5584, 0.2817,

0.2290

165.1164, 0.2841,
0.2351

■ 11.9305, 0.2421,
0.1474

■ 11.9305, 0.2421,
0.1474

■ 9.3729, 0.2285,
0.1238

■ 15.2915, 0.2556,
0.1746

■ 7.5402, 0.2156,
0.1050

■ 19.5215, 0.2686,
0.2037

■ 6.3390, 0.2037,
0.0918

■ 24.6805, 0.2806,
0.2335

■ 5.8855, 0.1984,
0.0866

■ 30.8230, 0.2914,
0.2628

■ 37.9987, 0.3009,
0.2907

■ 46.2543, 0.3090,
0.3166

■ 55.6333, 0.3160,
0.3404

■ 66.1769, 0.3219,
0.3619

■ 77.9243, 0.3268,
0.3813

Harmonies

Analogous

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



11.9305, 0.1450, 0.1277



11.9305, 0.2421, 0.1474



11.9305, 0.3979, 0.1971

Triad

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



11.9305, 0.2421, 0.1474



11.9305, 0.5538, 0.4446



11.9305, 0.1113, 0.3332

Complementary

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



11.9305, 0.2421, 0.1474



41.5282, 0.3478, 0.5091

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.



11.9305, 0.1892, 0.5457



11.9305, 0.2421, 0.1474



11.9305, 0.4404, 0.5596

Square

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



11.9305, 0.2421, 0.1474



11.9305, 0.6056, 0.3471



11.9305, 0.3082, 0.6334



11.9305, 0.0866, 0.1954

Rectangle

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



11.9305, 0.2421, 0.1474



11.9305, 0.5089, 0.2434



11.9305, 0.3082, 0.6334



11.9305, 0.1307, 0.4018

Sweetspot

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



11.9309, 0.2421, 0.1474



61.1022, 0.2961, 0.2763



21.2224, 0.2132, 0.2305



12.3818, 0.2933, 0.2684



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



11.9309, 0.2421, 0.1474



15.2741, 0.2230, 0.1153



17.8692, 0.3145, 0.1806



9.4440, 0.3057, 0.3058



4.0050, 0.1997, 0.0874



0.1958, 0.2268, 0.1023

Inverse Universe

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



16.3220, 0.4078, 0.2469



24.3053, 0.4400, 0.2395



38.0929, 0.3051, 0.5353



9.6170, 0.3209, 0.3171



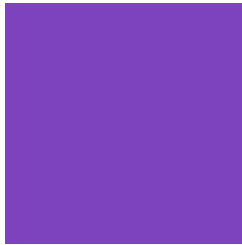
7.8913, 0.4851, 0.2446



0.3223, 0.4356, 0.2173

Previews

White Background



This preview shows how the Yxy color 11.9305, 0.2421, 0.1474 looks on a white background.

Color Contrast Check

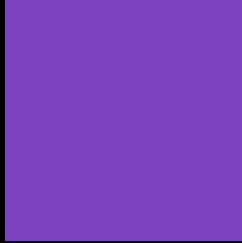
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.9305, 0.2421, 0.1474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

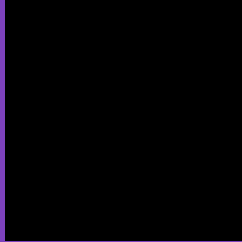
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9305, 0.2421, 0.1474

Background



This preview shows how black text looks on a background with the Yxy color 11.9305, 0.2421, 0.1474.



This preview shows how white text looks on a background with the Yxy color 11.9305, 0.2421, 0.1474.

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

11.9305, 0.2421, 0.1474

Protanopia

12.1289, 0.1744, 0.1478

Deuteranopia

11.9797, 0.1839, 0.1821



Tritanopia

11.9369, 0.3259, 0.3138

Trichromacy



Original Color

11.9305, 0.2421, 0.1474



Protanomaly

10.8387, 0.1810, 0.1391



Deuteranomaly

10.6290, 0.1877, 0.1580



Tritanomaly

11.4299, 0.2902, 0.2337

Monochromacy



Original Color

11.9305, 0.2421, 0.1474



Achromatopsia

12.2139, 0.3127, 0.3290



Achromatomaly

11.4824, 0.2831, 0.2389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9305, 0.2421, 0.1474 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(125, 66, 189)` looks like.

```
.text, #text, p{  
  color:rgb(125, 66, 189)  
}
```

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(125, 66, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 66, 189) }
```

Border

The CSS property to change the border of an element to Yxy 11.9305, 0.2421, 0.1474 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(125, 66, 189) }
```

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

```
.border{ border-color:rgb(125, 66, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 66, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 66, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 66, 189);  
box-shadow:4px 4px 4px 4px rgb(125, 66,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9305, 0.2421, 0.1474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 66, 189) }
```

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

```
.background{ background-color: rgb(125, 66,  
189) }
```

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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