

Converting Colors

$Y_{xy}(11.2726, 0.2374, 0.1644)$

Have a look what the booklet for
Yxy(11.2726, 0.2374, 0.1644)
contains.

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Color

Yxy(11.2374, 0.2377, 0.1645)

Conversions

Conversions Part 1

Format	Color
Hex	6C4BAD
RGB	108, 75, 173
RGB Percent	42%, 29%, 68%
CMY	0.5766, 0.7058, 0.3217
CMYK	0.38, 0.57, 0.00, 0.32
HSL	260°, 39%, 49%
HSV	260°, 57%, 68%
XYZ	16.2379, 11.2374, 40.8372
YIQ	96.0390, -11.7900, 37.4740

Conversions

Conversions Part 2

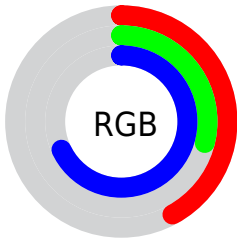
Format	Color
R _Y B	108, 75, 173
Decimal	7097261
CIE Lab	39.98, 36.16, -47.72
CIE LCh	40, 59.870, 307.151
Yxy	11.2374, 0.2377, 0.1645
Android (android.graphics.Color)	4285287341 (0xFF6C4BAD)
YUV	96.0390, 37.9418, 10.4898
Hunter-Lab	33.5222, 27.7999, -48.7622

Details

The Yxy color **11.2374, 0.2377, 0.1645** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **35.9663, 0.3596, 0.4784**, and the grayscale version is **11.6160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1109, 0.2570, 0.1975**, and **2.9708, 0.2021, 0.1127** is the 20% darker color. If you saturate the color by 10%, you get **8.5281, 0.2213, 0.1356**, and if you desaturate by 10%, it is **14.6803, 0.2539, 0.1955**.

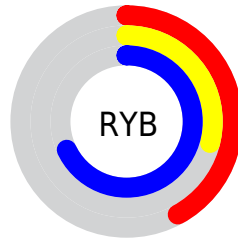
Distribution



Red (42%)

Green (29%)

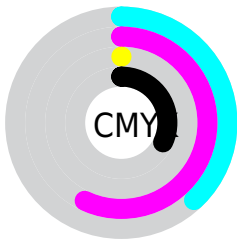
Blue (68%)



Red (42%)

Yellow (29%)

Blue (68%)

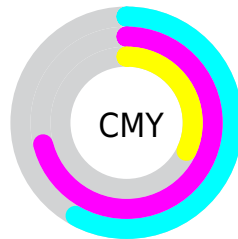


Cyan (38%)

Magenta (57%)

Yellow (0%)

Black (32%)



Cyan (58%)


Magenta (71%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2374, 0.2377, 0.1645 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 11.2374, 0.2377, 0.1645 by changing the saturation by 10% instead.


 11.2374, 0.2377,
0.1645


 11.2374, 0.2377,
0.1645


199.2891, 0.2840,
0.2527


 6.2267, 0.2230,
0.1419


 28.0983, 0.2569,
0.1974


 2.9834, 0.2022,
0.1135

 40.7174, 0.2634,
0.2096


 1.1231, 0.1720,
0.0782

 56.6414, 0.2686,
0.2197

 0.0000, 0.1318,
0.0000

 76.2547, 0.2728,
0.2284

 0.0000, 0.0000,
0.0000

 99.9417, 0.2763,
0.2358

128.0869, 0.2793,

0.2422

161.0745, 0.2818,
0.2478

■ 11.2374, 0.2377,
0.1645

■ 11.2374, 0.2377,
0.1645

■ 8.5281, 0.2213,
0.1356

■ 14.6803, 0.2539,
0.1955

■ 6.4943, 0.2055,
0.1106

■ 18.9061, 0.2691,
0.2269

■ 5.0712, 0.1911,
0.0911

■ 23.9612, 0.2831,
0.2575

■ 4.1683, 0.1790,
0.0778

■ 29.8879, 0.2955,
0.2863

■ 3.9207, 0.1754,
0.0740

■ 36.7256, 0.3064,
0.3128

■ 44.5113, 0.3157,
0.3368

■ 53.2800, 0.3237,
0.3584

■ 63.0646, 0.3305,
0.3775

■ 73.8967, 0.3362,
0.3944

Harmonies

Analogous

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



11.2374, 0.1570, 0.1508



11.2374, 0.2377, 0.1645



11.2374, 0.3640, 0.2065

Triad

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



11.2374, 0.2377, 0.1645



11.2374, 0.5357, 0.4277



11.2374, 0.1471, 0.3613

Complementary

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



11.2374, 0.2377, 0.1645



35.9663, 0.3596, 0.4784

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.



11.2374, 0.2281, 0.5229



11.2374, 0.2377, 0.1645



11.2374, 0.4496, 0.5197

Square

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



11.2374, 0.2377, 0.1645



11.2374, 0.5633, 0.3449



11.2374, 0.3386, 0.5798



11.2374, 0.1136, 0.2315

Rectangle

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



11.2374, 0.2377, 0.1645



11.2374, 0.4572, 0.2476



11.2374, 0.3386, 0.5798



11.2374, 0.1688, 0.4174

Sweetspot

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



11.2378, 0.2377, 0.1645



52.7806, 0.2947, 0.2844



23.3653, 0.2305, 0.2710



11.0044, 0.2924, 0.2790



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.



11.2378, 0.2377, 0.1645



14.2331, 0.2171, 0.1288



15.1853, 0.2977, 0.1892



7.8832, 0.3036, 0.3059



2.9097, 0.1764, 0.0745



0.1115, 0.2128, 0.0946

Inverse Universe

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



15.8122, 0.3661, 0.2364



23.5419, 0.3833, 0.2216



32.6293, 0.3160, 0.5015



8.1016, 0.3187, 0.3141



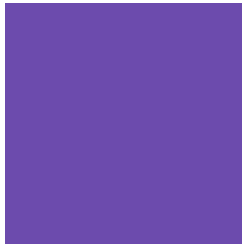
7.4442, 0.4264, 0.2123



0.2167, 0.3874, 0.1908

Previews

White Background



This preview shows how the Yxy color 11.2374, 0.2377, 0.1645 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 11.2374, 0.2377, 0.1645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

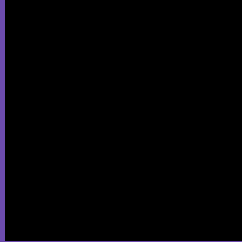
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2374, 0.2377, 0.1645

Background



This preview shows how black text looks on a background with the Yxy color 11.2374, 0.2377, 0.1645.



This preview shows how white text looks on a background with the Yxy color 11.2374, 0.2377, 0.1645.

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

11.2374, 0.2377, 0.1645

Protanopia

11.4065, 0.1790, 0.1520

Deuteranopia

11.3635, 0.1881, 0.1846



Tritanopia

11.2203, 0.2999, 0.3126

Trichromacy



Original Color

11.2374, 0.2377, 0.1645

Protanomaly

10.7699, 0.1899, 0.1518

Deuteranomaly

10.6386, 0.1961, 0.1708

Tritanomaly

10.9454, 0.2742, 0.2445

Monochromacy



Original Color

11.2374, 0.2377, 0.1645

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.1440, 0.2808, 0.2527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2374, 0.2377, 0.1645 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(108, 75, 173)` looks like.

```
.text, #text, p{  
    color:rgb(108, 75, 173)  
}
```

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(108, 75, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 75, 173) }
```

Border

The CSS property to change the border of an element to Yxy 11.2374, 0.2377, 0.1645 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(108, 75, 173) }
```

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

```
.border{ border-color:rgb(108, 75, 173) }
```

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

Here you see how a box with a 4 pixel rgb(108, 75, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 75, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 75, 173);  
box-shadow:4px 4px 4px 4px rgb(108, 75,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2374, 0.2377, 0.1645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 75, 173) }
```

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

```
.background{ background-color: rgb(108, 75,  
173) }
```

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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