

Converting Colors

$Y_{xy}(11.1379, 0.2620, 0.1497)$

Have a look what the booklet for
Yxy(11.1379, 0.2620, 0.1497)
contains.

Yxy(11.1379, 0.2620, 0.1497)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.1379, 0.2620, 0.1497)

Conversions

Conversions Part 1

Format	Color
Hex	8737B3
RGB	135, 55, 179
RGB Percent	53%, 22%, 70%
CMY	0.4706, 0.7843, 0.2980
CMYK	0.25, 0.69, 0.00, 0.30
HSL	279°, 53%, 46%
HSV	279°, 69%, 70%
XYZ	19.4932, 11.1379, 43.7704
YIQ	93.0560, 7.8760, 55.5240

Conversions

Conversions Part 2

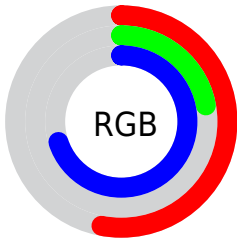
Format	Color
RYB	135, 55, 179
Decimal	8861619
CIELab	39.81, 54.29, -51.38
CIElCh	40, 74.750, 316.580
Yxy	11.1379, 0.2620, 0.1497
Android (android.graphics.Color)	4287051699 (0xFF8737B3)
YUV	93.0560, 42.3704, 36.7849
Hunter-Lab	33.3735, 45.8568, -54.3993

Details

The Yxy color **11.1379, 0.2620, 0.1497** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **35.1703, 0.3308, 0.5299**, and the grayscale version is **10.8590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9877, 0.2765, 0.1832**, and **3.1861, 0.2349, 0.1068** is the 20% darker color. If you saturate the color by 10%, you get **9.2236, 0.2524, 0.1308**, and if you desaturate by 10%, it is **13.7012, 0.2714, 0.1725**.

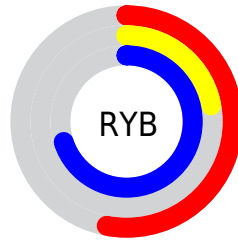
Distribution



Red (53%)

Green (22%)

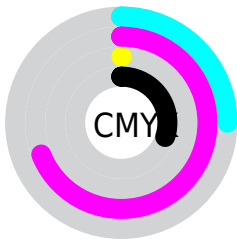
Blue (70%)



Red (53%)

Yellow (22%)

Blue (70%)

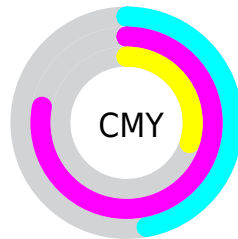


Cyan (25%)

Magenta (69%)

Yellow (0%)

Black (30%)



Cyan (47%)


Magenta (78%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1379, 0.2620, 0.1497 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 11.1379, 0.2620, 0.1497 by changing the saturation by 10% instead.


 11.1379, 0.2620,
0.1497


 11.1379, 0.2620,
0.1497


 198.6112, 0.2957,
0.2427

 6.1597, 0.2504,
0.1271


 27.9149, 0.2765,
0.1835


 2.9424, 0.2337,
0.0996


 40.4824, 0.2813,
0.1962


 1.1017, 0.2085,
0.0666

 56.3485, 0.2850,
0.2070

 0.0000, 0.1742,
0.0000

 75.8976, 0.2880,
0.2163

 0.0000, 0.0744,
0.0000

 99.5140, 0.2905,
0.2242

 0.0000, 0.0000,
0.0000

 127.5821, 0.2925,

0.2312

160.4864, 0.2943,
0.2373

■ 11.1379, 0.2620,
0.1497

■ 11.1379, 0.2620,
0.1497

■ 9.2236, 0.2524,
0.1308

■ 13.7012, 0.2714,
0.1725

■ 7.8859, 0.2431,
0.1166

■ 16.9725, 0.2804,
0.1982

■ 6.9914, 0.2342,
0.1067

■ 21.0057, 0.2887,
0.2254

■ 6.9311, 0.2335,
0.1060

■ 25.8488, 0.2962,
0.2531

■ 31.5459, 0.3027,
0.2803

■ 38.1379, 0.3083,
0.3063

■ 45.6628, 0.3130,
0.3307

■ 54.1565, 0.3170,
0.3533

■ 63.6531, 0.3202,
0.3739

Harmonies

Analogous

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



11.1379, 0.1532, 0.1249



11.1379, 0.2620, 0.1497



11.1379, 0.4293, 0.2045

Triad

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



11.1379, 0.2620, 0.1497



11.1379, 0.5394, 0.4606



11.1379, 0.0993, 0.3017

Complementary

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



11.1379, 0.2620, 0.1497



35.1703, 0.3308, 0.5299

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.



11.1379, 0.1679, 0.5201



11.1379, 0.2620, 0.1497



11.1379, 0.4184, 0.5816

Square

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



11.1379, 0.2620, 0.1497



11.1379, 0.6091, 0.3586



11.1379, 0.2844, 0.6445



11.1379, 0.0821, 0.1776

Rectangle

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



11.1379, 0.2620, 0.1497



11.1379, 0.5388, 0.2529



11.1379, 0.2844, 0.6445



11.1379, 0.1154, 0.3676

Sweetspot

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



11.1383, 0.2620, 0.1497



54.2377, 0.3014, 0.2747



13.2729, 0.1987, 0.1842



11.3858, 0.2997, 0.2673



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



11.1383, 0.2620, 0.1497



15.1689, 0.2476, 0.1229



14.9426, 0.3429, 0.1932



8.4928, 0.3083, 0.3062



4.9353, 0.2345, 0.1066



0.1865, 0.2593, 0.1202

Inverse Universe

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



13.2185, 0.4568, 0.2719



19.7236, 0.5069, 0.2722



33.5150, 0.2950, 0.5245



8.5534, 0.3233, 0.3209



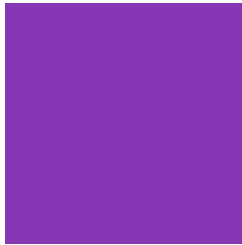
7.0415, 0.5522, 0.2815



0.2329, 0.4742, 0.2386

Previews

White Background



This preview shows how the Yxy color 11.1379, 0.2620, 0.1497 looks on a white background.

Color Contrast Check

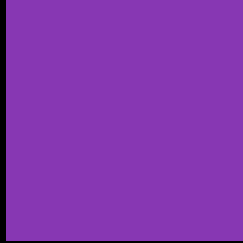
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.1379, 0.2620, 0.1497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

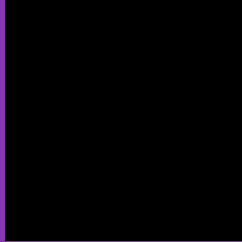
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1379, 0.2620, 0.1497

Background



This preview shows how black text looks on a background with the Yxy color 11.1379, 0.2620, 0.1497.



This preview shows how white text looks on a background with the Yxy color 11.1379, 0.2620, 0.1497.

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

11.1379, 0.2620, 0.1497

Protanopia

11.3324, 0.1744, 0.1479

Deuteranopia

11.2680, 0.1836, 0.1808



Tritanopia

11.1609, 0.3649, 0.3146

Trichromacy



Original Color

11.1379, 0.2620, 0.1497



Protanomaly

9.7326, 0.1826, 0.1360



Deuteranomaly

9.5550, 0.1893, 0.1539



Tritanomaly

10.6308, 0.3221, 0.2351

Monochromacy



Original Color

11.1379, 0.2620, 0.1497



Achromatopsia

10.9462, 0.3127, 0.3290



Achromatomaly

10.2353, 0.2919, 0.2367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1379, 0.2620, 0.1497 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(135, 55, 179)` looks like.

```
.text, #text, p{  
    color:rgb(135, 55, 179)  
}
```

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(135, 55, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 55, 179) }
```

Border

The CSS property to change the border of an element to Yxy 11.1379, 0.2620, 0.1497 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(135, 55, 179) }
```

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

```
.border{ border-color:rgb(135, 55, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 55, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 55, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 55, 179); box-shadow:4px 4px 4px 4px rgb(135, 55, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1379, 0.2620, 0.1497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 55, 179) }
```

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

```
.background{ background-color: rgb(135, 55,  
179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor