

Converting Colors

$Yxy(11.1545, 0.2309, 0.1354)$

Have a look what the booklet for
Yxy(11.1545, 0.2309, 0.1354)
contains.

Yxy(11.1545, 0.2309, 0.1354)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.1545, 0.2309, 0.1354)

Conversions

Conversions Part 1

Format	Color
Hex	773DC2
RGB	119, 61, 194
RGB Percent	47%, 24%, 76%
CMY	0.5331, 0.7610, 0.2391
CMYK	0.39, 0.69, 0.00, 0.24
HSL	266°, 52%, 50%
HSV	266°, 69%, 76%
XYZ	19.0220, 11.1545, 52.2054
YIQ	93.5040, -8.1250, 53.6590

Conversions

Conversions Part 2

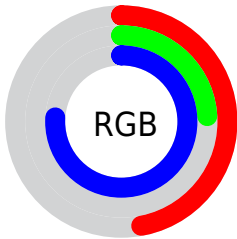
Format	Color
R _Y B	119, 61, 194
Decimal	7814594
CIE Lab	39.84, 51.78, -60.26
CIE LCh	40, 79.451, 310.670
Yxy	11.1545, 0.2309, 0.1354
Android (android.graphics.Color)	4286004674 (0xFF773DC2)
YUV	93.5040, 49.5445, 22.3600
Hunter-Lab	33.3984, 43.2172, -69.2981

Details

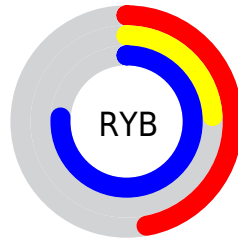
The Yxy color **11.1545, 0.2309, 0.1354** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **44.1603, 0.3530, 0.5148**, and the grayscale version is **10.9519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0054, 0.2518, 0.1710**, and **2.9533, 0.1949, 0.0862** is the 20% darker color. If you saturate the color by 10%, you get **8.7166, 0.2167, 0.1127**, and if you desaturate by 10%, it is **14.4309, 0.2455, 0.1622**.

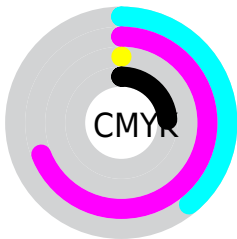
Distribution



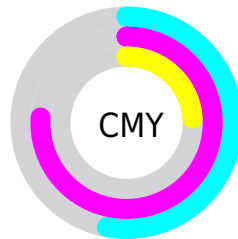
- Red (47%)
- Green (24%)
- Blue (76%)



- Red (47%)
- Yellow (24%)
- Blue (76%)



- Cyan (39%)
- Magenta (69%)
- Yellow (0%)
- Black (24%)





- Cyan (53%)
- Magenta (76%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1545, 0.2309, 0.1354 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 11.1545, 0.2309, 0.1354 by changing the saturation by 10% instead.

 11.1545, 0.2309,
0.1354


 11.1545, 0.2309,
0.1354


 198.7245, 0.2816,
0.2337


 6.1709, 0.2154,
0.1127


 27.9455, 0.2516,
0.1703


 2.9492, 0.1941,
0.0858


 40.5217, 0.2587,
0.1838


 1.1053, 0.1645,
0.0550

 56.3974, 0.2645,
0.1952

 0.0000, 0.1258,
0.0000

 75.9572, 0.2692,
0.2051

 0.0000, 0.0395,
0.0000

 99.5854, 0.2731,
0.2137

 0.0000, 0.0000,
0.0000

 127.6664, 0.2764,

0.2212

160.5847, 0.2792,
0.2278

■ 11.1545, 0.2309,
0.1354

■ 11.1545, 0.2309,
0.1354

■ 8.7166, 0.2167,
0.1127

■ 14.4309, 0.2455,
0.1622

■ 7.0279, 0.2035,
0.0954

■ 18.6203, 0.2598,
0.1916

■ 5.9468, 0.1918,
0.0837

■ 23.7897, 0.2732,
0.2220

■ 5.8143, 0.1903,
0.0822

■ 29.9995, 0.2854,
0.2520

■ 37.3049, 0.2962,
0.2808

■ 45.7574, 0.3057,
0.3077

■ 55.4050, 0.3138,
0.3323

■ 66.2930, 0.3206,
0.3547

■ 78.4641, 0.3264,
0.3747

Harmonies

Analogous

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



11.1545, 0.1320, 0.1162



11.1545, 0.2309, 0.1354



11.1545, 0.3977, 0.1855

Triad

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



11.1545, 0.2309, 0.1354



11.1545, 0.5647, 0.4353



11.1545, 0.0990, 0.3377

Complementary

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



11.1545, 0.2309, 0.1354



44.1603, 0.3530, 0.5148

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.



11.1545, 0.1795, 0.5786



11.1545, 0.2309, 0.1354



11.1545, 0.4403, 0.5597

Square

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



11.1545, 0.2309, 0.1354



11.1545, 0.6265, 0.3372



11.1545, 0.3039, 0.6612



11.1545, 0.0747, 0.1866

Rectangle

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



11.1545, 0.2309, 0.1354



11.1545, 0.5208, 0.2329



11.1545, 0.3039, 0.6612



11.1545, 0.1188, 0.4156

Sweetspot

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



11.1549, 0.2309, 0.1354



63.7261, 0.2934, 0.2731



22.5976, 0.2105, 0.2319



13.1286, 0.2904, 0.2650



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



11.1549, 0.2309, 0.1354



14.1870, 0.2103, 0.1039



17.5626, 0.3090, 0.1725



9.9583, 0.3050, 0.3057



3.8683, 0.1916, 0.0829



0.2078, 0.2175, 0.0972

Inverse Universe

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



16.5811, 0.4057, 0.2372



25.3012, 0.4358, 0.2307



40.2279, 0.3067, 0.5447



10.1708, 0.3203, 0.3161



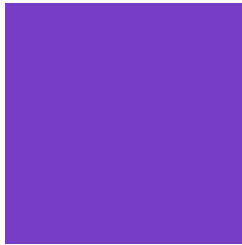
8.2876, 0.4673, 0.2348



0.3717, 0.4261, 0.2121

Previews

White Background



This preview shows how the Yxy color 11.1545, 0.2309, 0.1354 looks on a white background.

Color Contrast Check

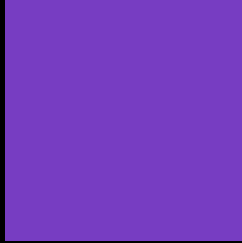
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.1545, 0.2309, 0.1354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

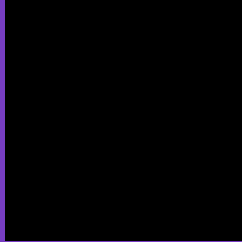
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1545, 0.2309, 0.1354

Background



This preview shows how black text looks on a background with the Yxy color 11.1545, 0.2309, 0.1354.



This preview shows how white text looks on a background with the Yxy color 11.1545, 0.2309, 0.1354.

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

11.1545, 0.2309, 0.1354

Protanopia

11.2879, 0.1747, 0.1487

Deuteranopia

11.1558, 0.1846, 0.1846



Tritanopia

11.2078, 0.3135, 0.3130

Trichromacy



Original Color

11.1545, 0.2309, 0.1354



Protanomaly

10.1012, 0.1792, 0.1342



Deuteranomaly

9.8744, 0.1857, 0.1525



Tritanomaly

10.6703, 0.2761, 0.2233

Monochromacy



Original Color

11.1545, 0.2309, 0.1354



Achromatopsia

10.9462, 0.3127, 0.3290



Achromatomaly

10.3213, 0.2753, 0.2282

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1545, 0.2309, 0.1354 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(119, 61, 194)` looks like.

```
.text, #text, p{  
    color:rgb(119, 61, 194)  
}
```

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(119, 61, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 61, 194) }
```

Border

The CSS property to change the border of an element to Yxy 11.1545, 0.2309, 0.1354 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(119, 61, 194) }
```

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

```
.border{ border-color:rgb(119, 61, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 61, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 61, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 61, 194);  
box-shadow:4px 4px 4px 4px rgb(119, 61,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1545, 0.2309, 0.1354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 61, 194) }
```

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

```
.background{ background-color: rgb(119, 61,  
194) }
```

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