

Converting Colors

$Y_{xy}(11.2640, 0.2766, 0.1942)$

Have a look what the booklet for
Yxy(11.2640, 0.2766, 0.1942)
contains.

Yxy(11.2695, 0.2772, 0.1945)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.2695, 0.2772, 0.1945)

Conversions

Conversions Part 1

Format	Color
Hex	7A4A97
RGB	122, 74, 151
RGB Percent	48%, 29%, 59%
CMY	0.5216, 0.7098, 0.4078
CMYK	0.19, 0.51, 0.00, 0.41
HSL	277°, 34%, 44%
HSV	277°, 51%, 59%
XYZ	16.0612, 11.2695, 30.6102
YIQ	97.1300, 3.8910, 34.1230

Conversions

Conversions Part 2

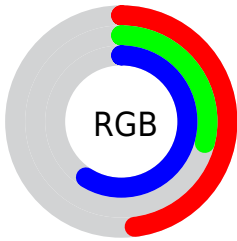
Format	Color
R_{YB}	122, 74, 151
Decimal	8014487
CIE _{Lab}	40.03, 34.92, -34.41
CIE _{LCh}	40, 49.025, 315.416
Yxy	11.2695, 0.2772, 0.1945
Android (android.graphics.Color)	4286204567 (0xFF7A4A97)
YUV	97.1300, 26.5579, 21.8110
Hunter-Lab	33.5701, 26.6536, -30.5633

Details

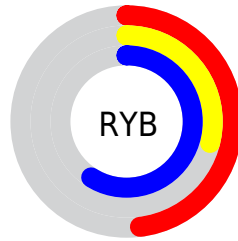
The Yxy color **11.2695, 0.2772, 0.1945** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **25.5143, 0.3322, 0.4736**, and the grayscale version is **11.9207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1016, 0.2871, 0.2226**, and **2.9985, 0.2554, 0.1454** is the 20% darker color. If you saturate the color by 10%, you get **9.0868, 0.2677, 0.1690**, and if you desaturate by 10%, it is **13.9614, 0.2860, 0.2216**.

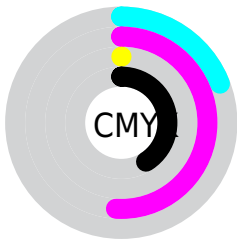
Distribution



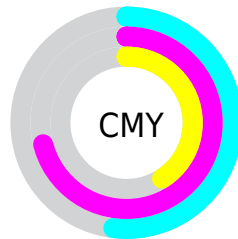
- Red (48%)
- Green (29%)
- Blue (59%)



- Red (48%)
- Yellow (29%)
- Blue (59%)



- Cyan (19%)
- Magenta (51%)
- Yellow (0%)
- Black (41%)



- Cyan (52%)
- Magenta (71%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.2695, 0.2772, 0.1945 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 11.2695, 0.2772, 0.1945 by changing the saturation by 10% instead.

■ 11.2695, 0.2772,
0.1945

■ 11.2695, 0.2772,
0.1945

■ 199.5073, 0.3007,
0.2691

■ 6.2484, 0.2686,
0.1738

■ 28.1575, 0.2875,
0.2233

■ 2.9967, 0.2556,
0.1464

■ 40.7931, 0.2908,
0.2336

■ 1.1300, 0.2342,
0.1093

■ 56.7357, 0.2934,
0.2421

■ 0.0034, 0.2081,
0.0008

■ 76.3697, 0.2954,
0.2492

■ 0.0000, 0.0000,
0.0000

■ 100.0795, 0.2971,
0.2553

128.2494, 0.2985,

0.2605

161.2639, 0.2997,
0.2651

■ 11.2695, 0.2772,
0.1945

■ 11.2695, 0.2772,
0.1945

■ 9.0868, 0.2677,
0.1690

■ 13.9614, 0.2860,
0.2216

■ 7.3763, 0.2578,
0.1464

■ 17.1934, 0.2940,
0.2491

■ 6.0981, 0.2478,
0.1277

■ 20.9952, 0.3010,
0.2762

■ 5.2047, 0.2381,
0.1136

■ 25.3941, 0.3071,
0.3022

■ 4.6210, 0.2297,
0.1039

■ 30.4156, 0.3122,
0.3267

■ 36.0837, 0.3166,
0.3493

■ 42.4211, 0.3202,
0.3699

■ 49.4492, 0.3231,
0.3887

■ 57.1888, 0.3255,
0.4057

Harmonies

Analogous

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



11.2695, 0.1949, 0.1752



11.2695, 0.2772, 0.1945



11.2695, 0.3885, 0.2387

Triad

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



11.2695, 0.2772, 0.1945



11.2695, 0.4912, 0.4450



11.2695, 0.1602, 0.3240

Complementary

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



11.2695, 0.2772, 0.1945



25.5143, 0.3322, 0.4736

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.



11.2695, 0.2226, 0.4513



11.2695, 0.2772, 0.1945



11.2695, 0.4127, 0.5129

Square

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



11.2695, 0.2772, 0.1945



11.2695, 0.5248, 0.3702



11.2695, 0.3155, 0.5304



11.2695, 0.1379, 0.2300

Rectangle

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



11.2695, 0.2772, 0.1945



11.2695, 0.4598, 0.2785



11.2695, 0.3155, 0.5304



11.2695, 0.1765, 0.3655

Sweetspot

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



11.2700, 0.2772, 0.1945



41.9475, 0.3046, 0.2912



13.4948, 0.2296, 0.2327



9.1882, 0.3034, 0.2862



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



11.2700, 0.2772, 0.1945



15.8519, 0.2665, 0.1661



13.4315, 0.3313, 0.2214



6.2073, 0.3081, 0.3067



3.9474, 0.2303, 0.1042



0.0797, 0.2711, 0.1267

Inverse Universe

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



12.4572, 0.3975, 0.2804



18.4290, 0.4277, 0.2720



24.2160, 0.2988, 0.4683



6.2593, 0.3227, 0.3206



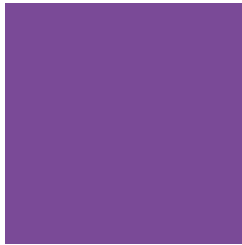
5.8527, 0.5418, 0.2758



0.0942, 0.4397, 0.2196

Previews

White Background



This preview shows how the Yxy color 11.2695, 0.2772, 0.1945 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 11.2695, 0.2772, 0.1945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

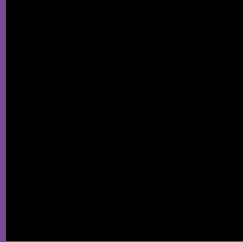
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2695, 0.2772, 0.1945

Background



This preview shows how black text looks on a background with the Yxy color 11.2695, 0.2772, 0.1945.



This preview shows how white text looks on a background with the Yxy color 11.2695, 0.2772, 0.1945.

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

11.2695, 0.2772, 0.1945

Protanopia

11.4113, 0.2026, 0.1820

Deuteranopia

11.5199, 0.2238, 0.2195



Tritanopia

11.3164, 0.3431, 0.3140

Trichromacy



Original Color

11.2695, 0.2772, 0.1945

Protanomaly

10.8995, 0.2218, 0.1825

Deuteranomaly

11.0292, 0.2398, 0.2070

Tritanomaly

11.1373, 0.3174, 0.2640

Monochromacy



Original Color

11.2695, 0.2772, 0.1945

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.4933, 0.2988, 0.2698

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2695, 0.2772, 0.1945 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(122, 74, 151)` looks like.

```
.text, #text, p{  
    color:rgb(122, 74, 151)  
}
```

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(122, 74, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 74, 151) }
```

Border

The CSS property to change the border of an element to Yxy 11.2695, 0.2772, 0.1945 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(122, 74, 151) }
```

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

```
.border{ border-color:rgb(122, 74, 151) }
```

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

Here you see how a box with a 4 pixel rgb(122, 74, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 74, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 74, 151);  
box-shadow:4px 4px 4px 4px rgb(122, 74,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2695, 0.2772, 0.1945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 74, 151) }
```

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

```
.background{ background-color: rgb(122, 74,  
151) }
```

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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