

Converting Colors

$Y_{xy}(14.1913, 0.2798, 0.1735)$

Have a look what the booklet for
Yxy(14.1913, 0.2798, 0.1735)
contains.

Yxy(14.1913, 0.2798, 0.1735)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.1913, 0.2798, 0.1735)

Conversions

Conversions Part 1

Format	Color
Hex	9547B4
RGB	149, 71, 180
RGB Percent	58%, 28%, 71%
CMY	0.4157, 0.7216, 0.2941
CMYK	0.17, 0.61, 0.00, 0.29
HSL	283°, 43%, 49%
HSV	283°, 61%, 71%
XYZ	22.8860, 14.1913, 44.7169
YIQ	106.7480, 11.4990, 50.4350

Conversions

Conversions Part 2

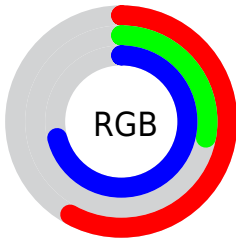
Format	Color
R_{YB}	149, 71, 180
Decimal	9783220
CIE _{Lab}	44.51, 50.26, -44.34
CIE _{LCh}	45, 67.024, 318.580
Yxy	14.1913, 0.2798, 0.1735
Android (android.graphics.Color)	4287973300 (0xFF9547B4)
YUV	106.7480, 36.1132, 37.0550
Hunter-Lab	37.6713, 42.5172, -44.0089

Details

The Yxy color **14.1913, 0.2798, 0.1735** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **35.9261, 0.3252, 0.5092**, and the grayscale version is **14.5261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5932, 0.2902, 0.2039**, and **4.2533, 0.2619, 0.1289** is the 20% darker color. If you saturate the color by 10%, you get **11.7603, 0.2723, 0.1525**, and if you desaturate by 10%, it is **17.3227, 0.2869, 0.1976**.

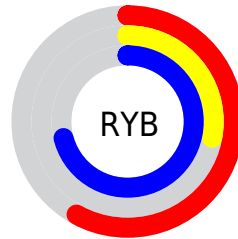
Distribution



Red (58%)

Green (28%)

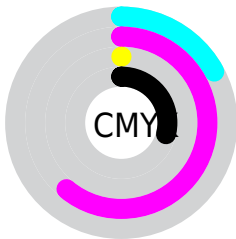
Blue (71%)



Red (58%)

Yellow (28%)

Blue (71%)

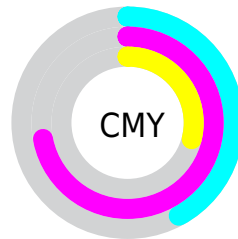


Cyan (17%)

Magenta (61%)

Yellow (0%)

Black (29%)



Cyan (42%)


Magenta (72%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.1913, 0.2798, 0.1735 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 14.1913, 0.2798, 0.1735 by changing the saturation by 10% instead.


 14.1913, 0.2798,
0.1735


 14.1913, 0.2798,
0.1735


218.4177, 0.3020,
0.2540


 8.2538, 0.2720,
0.1535


 33.4281, 0.2894,
0.2029


 4.2578, 0.2607,
0.1284


 47.4962, 0.2926,
0.2140


 1.8188, 0.2431,
0.0968

 65.0433, 0.2950,
0.2233

 0.4988, 0.2153,
0.0530

 86.4538, 0.2970,
0.2313

 0.0000, 0.1637,
0.0000

 112.1121, 0.2986,
0.2381

 0.0000, 0.0000,
0.0000

142.4026, 0.2999,

0.2441

177.7096, 0.3011,
0.2494

■ 14.1913, 0.2798,
0.1735

■ 14.1913, 0.2798,
0.1735

■ 11.7603, 0.2723,
0.1525

■ 17.3227, 0.2869,
0.1976

■ 9.9658, 0.2646,
0.1356

■ 21.2074, 0.2935,
0.2236

■ 8.7350, 0.2570,
0.1233

■ 25.8951, 0.2994,
0.2504

■ 7.9471, 0.2501,
0.1151

■ 31.4307, 0.3045,
0.2772

■ 37.8558, 0.3089,
0.3031

■ 45.2090, 0.3125,
0.3277

■ 53.5268, 0.3155,
0.3506

■ 62.8438, 0.3180,
0.3717

■ 73.1926, 0.3199,
0.3909

Harmonies

Analogous

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



14.1913, 0.1786, 0.1484



14.1913, 0.2798, 0.1735



14.1913, 0.4215, 0.2260

Triad

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



14.1913, 0.2798, 0.1735



14.1913, 0.5113, 0.4635



14.1913, 0.1241, 0.3017

Complementary

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



14.1913, 0.2798, 0.1735



35.9261, 0.3252, 0.5092

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.



14.1913, 0.1875, 0.4713



14.1913, 0.2798, 0.1735



14.1913, 0.4085, 0.5554

Square

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



14.1913, 0.2798, 0.1735



14.1913, 0.5693, 0.3740



14.1913, 0.2929, 0.5858



14.1913, 0.1068, 0.1966

Rectangle

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



14.1913, 0.2798, 0.1735



14.1913, 0.5095, 0.2718



14.1913, 0.2929, 0.5858



14.1913, 0.1395, 0.3537

Sweetspot

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



14.1919, 0.2798, 0.1735



59.4604, 0.3056, 0.2831



14.4765, 0.2090, 0.1920



12.1707, 0.3042, 0.2755



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.



14.1919, 0.2798, 0.1735



19.9923, 0.2694, 0.1458



16.6868, 0.3488, 0.2134



8.5229, 0.3094, 0.3062



5.5813, 0.2510, 0.1156



0.2033, 0.2714, 0.1269

Inverse Universe

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



15.1706, 0.4437, 0.2867



22.3584, 0.4929, 0.2836



34.7722, 0.2918, 0.4858



8.5437, 0.3244, 0.3225



6.9506, 0.5781, 0.2958



0.2290, 0.4975, 0.2514

Previews

White Background



This preview shows how the Yxy color 14.1913, 0.2798, 0.1735 looks on a white background.

Color Contrast Check

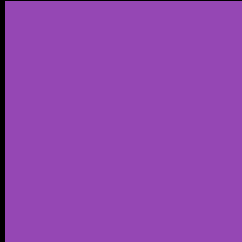
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1913, 0.2798, 0.1735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

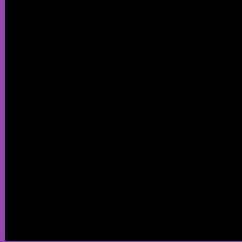
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1913, 0.2798, 0.1735

Background



This preview shows how black text looks on a background with the Yxy color 14.1913, 0.2798, 0.1735.



This preview shows how white text looks on a background with the Yxy color 14.1913, 0.2798, 0.1735.

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

14.1913, 0.2798, 0.1735

Protanopia

14.5292, 0.1800, 0.1526

Deuteranopia

14.3820, 0.2087, 0.2035



Tritanopia

14.0867, 0.3699, 0.3143

Trichromacy



Original Color

14.1913, 0.2798, 0.1735



Protanomaly

13.1482, 0.1973, 0.1520



Deuteranomaly

13.3430, 0.2258, 0.1840



Tritanomaly

13.7714, 0.3330, 0.2511

Monochromacy



Original Color

14.1913, 0.2798, 0.1735



Achromatopsia

14.7027, 0.3127, 0.3290



Achromatomaly

13.8642, 0.2993, 0.2541

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1913, 0.2798, 0.1735 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(149, 71, 180)` looks like.

```
.text, #text, p{  
    color:rgb(149, 71, 180)  
}
```

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(149, 71, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 71, 180) }
```

Border

The CSS property to change the border of an element to Yxy 14.1913, 0.2798, 0.1735 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(149, 71, 180) }
```

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

```
.border{ border-color:rgb(149, 71, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 71, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 71, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 71, 180); box-shadow:4px 4px 4px 4px rgb(149, 71, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1913, 0.2798, 0.1735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 71, 180) }
```

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

```
.background{ background-color: rgb(149, 71,  
180) }
```

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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