

Converting Colors

$Y_{xy}(10.4120, 0.2863, 0.1451)$

Have a look what the booklet for
Yxy(10.4120, 0.2863, 0.1451)
contains.

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Color

Yxy(10.3741, 0.2853, 0.1444)

Conversions

Conversions Part 1

Format	Color
Hex	951EAE
RGB	149, 30, 174
RGB Percent	58%, 12%, 68%
CMY	0.4158, 0.8822, 0.3176
CMYK	0.14, 0.83, 0.00, 0.32
HSL	290°, 71%, 40%
HSV	290°, 83%, 68%
XYZ	20.4968, 10.3741, 40.9719
YIQ	81.9970, 24.7000, 70.0120

Conversions

Conversions Part 2

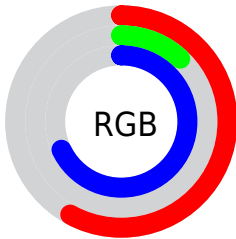
Format	Color
R _Y B	149, 30, 174
Decimal	9772718
CIE Lab	38.51, 64.90, -50.42
CIE LCh	39, 82.180, 322.159
Yxy	10.3741, 0.2853, 0.1444
Android (android.graphics.Color)	4287962798 (0xFF951EAE)
YUV	81.9970, 45.3575, 58.7616
Hunter-Lab	32.2088, 57.2266, -52.8749

Details

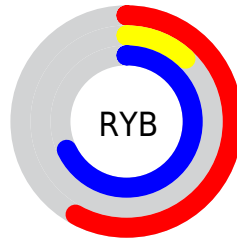
The Yxy color **10.3741, 0.2853, 0.1444** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **31.1843, 0.3111, 0.5723**, and the grayscale version is **8.3443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.4607, 0.2959, 0.1789**, and **3.7076, 0.2650, 0.1233** is the 20% darker color. If you saturate the color by 10%, you get **9.4420, 0.2808, 0.1351**, and if you desaturate by 10%, it is **11.8005, 0.2898, 0.1582**.

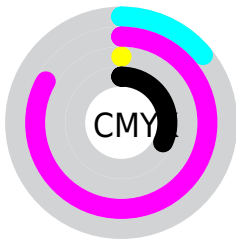
Distribution



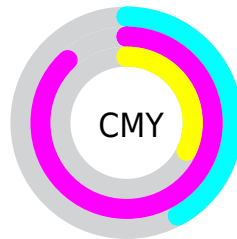
- Red (58%)
- Green (12%)
- Blue (68%)



- Red (58%)
- Yellow (12%)
- Blue (68%)



- Cyan (14%)
- Magenta (83%)
- Yellow (0%)
- Black (32%)





- Cyan (42%)
- Magenta (88%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.3741, 0.2853, 0.1444 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 10.3741, 0.2853, 0.1444 by changing the saturation by 10% instead.


 10.3741, 0.2853,
0.1444


 10.3741, 0.2853,
0.1444


193.3216, 0.3067,
0.2397

 5.6477, 0.2768,
0.1215


 26.4968, 0.2953,
0.1789


 2.6321, 0.2637,
0.0936


 38.6619, 0.2984,
0.1919


 0.9428, 0.2426,
0.0607

 54.0753, 0.3007,
0.2030

 0.0000, 0.2122,
0.0000

 73.1215, 0.3025,
0.2125

 0.0000, 0.1227,
0.0000

 96.1849, 0.3039,
0.2207

 0.0000, 0.0000,
0.0000

 123.6497, 0.3050,

0.2278

155.9005, 0.3059,
0.2341

■ 10.3741, 0.2853,
0.1444

■ 10.3741, 0.2853,
0.1444

■ 9.4420, 0.2808,
0.1351

■ 11.8005, 0.2898,
0.1582

■ 8.9641, 0.2775,
0.1302

■ 13.7900, 0.2942,
0.1760

■ 16.4018, 0.2983,
0.1974

■ 19.6873, 0.3020,
0.2212

■ 23.6923, 0.3053,
0.2465

■ 28.4588, 0.3081,
0.2723

■ 34.0254, 0.3104,
0.2979

■ 40.4281, 0.3123,
0.3225

■ 47.7008, 0.3138,
0.3457

Harmonies

Analogous

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



10.3741, 0.1560, 0.1132



10.3741, 0.2853, 0.1444



10.3741, 0.4787, 0.2063

Triad

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



10.3741, 0.2853, 0.1444



10.3741, 0.5222, 0.4778



10.3741, 0.0762, 0.2594

Complementary

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



10.3741, 0.2853, 0.1444



31.1843, 0.3111, 0.5723

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.



10.3741, 0.1320, 0.4978



10.3741, 0.2853, 0.1444



10.3741, 0.3834, 0.6166

Square

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



10.3741, 0.2853, 0.1444



10.3741, 0.6277, 0.3686



10.3741, 0.2453, 0.6808



10.3741, 0.0685, 0.1488

Rectangle

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



10.3741, 0.2853, 0.1444



10.3741, 0.5908, 0.2572



10.3741, 0.2453, 0.6808



10.3741, 0.0880, 0.3248

Sweetspot

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



10.3745, 0.2853, 0.1444



49.1374, 0.3074, 0.2654



6.2032, 0.1700, 0.1097



10.2534, 0.3064, 0.2565



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



10.3745, 0.2853, 0.1444



16.2700, 0.2772, 0.1303



11.4998, 0.3974, 0.2092



8.0766, 0.3111, 0.3065



6.5236, 0.2780, 0.1305



0.1997, 0.2918, 0.1381

Inverse Universe

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



10.2067, 0.5568, 0.3053



16.5344, 0.6142, 0.3164



31.0695, 0.2832, 0.5186



8.0372, 0.3260, 0.3251



6.6021, 0.6108, 0.3139



0.1903, 0.5375, 0.2735

Previews

White Background



This preview shows how the Yxy color 10.3741, 0.2853, 0.1444 looks on a white background.

Color Contrast Check

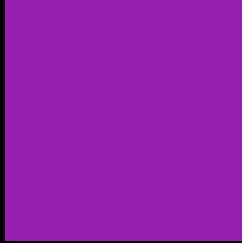
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.3741, 0.2853, 0.1444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

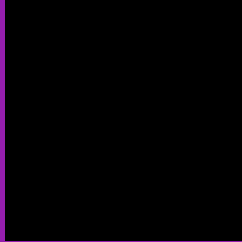
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.3741, 0.2853, 0.1444

Background



This preview shows how black text looks on a background with the Yxy color 10.3741, 0.2853, 0.1444.



This preview shows how white text looks on a background with the Yxy color 10.3741, 0.2853, 0.1444.

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

10.3741, 0.2853, 0.1444

Protanopia

10.7326, 0.1749, 0.1497

Deuteranopia

10.6475, 0.1872, 0.1832



Tritanopia

10.4190, 0.4227, 0.3181

Trichromacy



Original Color

10.3741, 0.2853, 0.1444

Protanomaly

8.2959, 0.1836, 0.1266

Deuteranomaly

8.3657, 0.1986, 0.1444

Tritanomaly

9.7812, 0.3682, 0.2334

Monochromacy



Original Color

10.3741, 0.2853, 0.1444

Achromatopsia

8.4376, 0.3127, 0.3290

Achromatomaly

7.8570, 0.3018, 0.2192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.3741, 0.2853, 0.1444 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, 30, 174)` looks like.

```
.text, #text, p{  
    color:rgb(149, 30, 174)  
}
```

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, 30, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 30, 174) }
```

Border

The CSS property to change the border of an element to Yxy 10.3741, 0.2853, 0.1444 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, 30, 174) }
```

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

```
.border{ border-color:rgb(149, 30, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 30, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 30, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 30, 174);  
box-shadow:4px 4px 4px 4px rgb(149, 30,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 10.3741, 0.2853, 0.1444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 30, 174) }
```

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

```
.background{ background-color: rgb(149, 30,  
174) }
```

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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