

Converting Colors

$Yxy(11.0075, 0.2481, 0.1349)$

Have a look what the booklet for
Yxy(11.0075, 0.2481, 0.1349)
contains.

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Color

Yxy(10.9448, 0.2477, 0.1344)

Conversions

Conversions Part 1

Format	Color
Hex	8531BF
RGB	133, 49, 191
RGB Percent	52%, 19%, 75%
CMY	0.4784, 0.8077, 0.2511
CMYK	0.30, 0.74, 0.00, 0.25
HSL	275°, 59%, 47%
HSV	275°, 74%, 75%
XYZ	20.1713, 10.9448, 50.3184
YIQ	90.3040, 4.4820, 61.9700

Conversions

Conversions Part 2

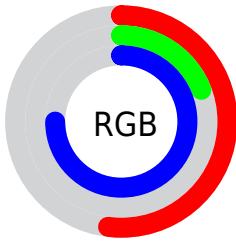
Format	Color
R_{YB}	133, 49, 191
Decimal	8729023
CIE _{Lab}	39.49, 59.07, -58.96
CIE _{LCh}	39, 83.461, 315.055
Yxy	10.9448, 0.2477, 0.1344
Android (android.graphics.Color)	4286919103 (0xFF8531BF)
YUV	90.3040, 49.6431, 37.4444
Hunter-Lab	33.0829, 50.9400, -67.0207

Details

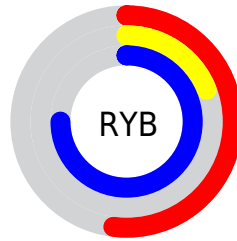
The Yxy color **10.9448, 0.2477, 0.1344** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **40.5930, 0.3354, 0.5395**, and the grayscale version is **10.1844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.4250, 0.2651, 0.1690**, and **3.3141, 0.2166, 0.0967** is the 20% darker color. If you saturate the color by 10%, you get **9.0600, 0.2369, 0.1170**, and if you desaturate by 10%, it is **13.5540, 0.2587, 0.1564**.

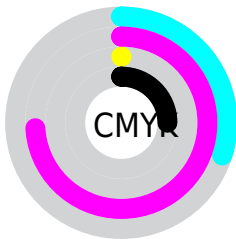
Distribution



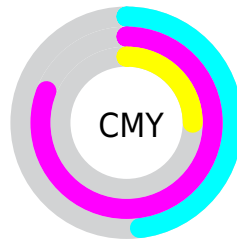
- Red (52%)
- Green (19%)
- Blue (75%)



- Red (52%)
- Yellow (19%)
- Blue (75%)



- Cyan (30%)
- Magenta (74%)
- Yellow (0%)
- Black (25%)





- Cyan (48%)
- Magenta (81%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9448, 0.2477, 0.1344 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 10.9448, 0.2477, 0.1344 by changing the saturation by 10% instead.


 10.9448, 0.2477,
0.1344


 10.9448, 0.2477,
0.1344


 197.2885, 0.2898,
0.2328


 6.0297, 0.2341,
0.1118


 27.5580, 0.2654,
0.1693


 2.8632, 0.2150,
0.0849


 40.0250, 0.2713,
0.1827


 1.0607, 0.1874,
0.0542

 55.7781, 0.2760,
0.1942

 0.0000, 0.1504,
0.0000

 75.2016, 0.2799,
0.2041

 0.0000, 0.0715,
0.0000

 98.6800, 0.2830,
0.2127

 0.0000, 0.0000,
0.0000

 126.5977, 0.2857,

0.2202

159.3390, 0.2879,
0.2269

■ 10.9448, 0.2477,
0.1344

■ 10.9448, 0.2477,
0.1344

■ 9.0600, 0.2369,
0.1170

■ 13.5540, 0.2587,
0.1564

■ 7.8052, 0.2267,
0.1046

■ 16.9635, 0.2694,
0.1818

■ 7.2691, 0.2211,
0.0992

■ 21.2405, 0.2796,
0.2093

■ 26.4448, 0.2888,
0.2377

■ 32.6306, 0.2971,
0.2659

■ 39.8478, 0.3042,
0.2930

■ 48.1431, 0.3104,
0.3185

■ 57.5600, 0.3155,
0.3422

■ 68.1396, 0.3198,
0.3638

Harmonies

Analogous

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



10.9448, 0.1364, 0.1106



10.9448, 0.2477, 0.1344



10.9448, 0.4309, 0.1896

Triad

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



10.9448, 0.2477, 0.1344



10.9448, 0.5517, 0.4483



10.9448, 0.0843, 0.3043

Complementary

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



10.9448, 0.2477, 0.1344



40.5930, 0.3354, 0.5395

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.



10.9448, 0.1552, 0.5606



10.9448, 0.2477, 0.1344



10.9448, 0.4168, 0.5832

Square

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



10.9448, 0.2477, 0.1344



10.9448, 0.6351, 0.3450



10.9448, 0.2772, 0.6830



10.9448, 0.0676, 0.1663

Rectangle

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



10.9448, 0.2477, 0.1344



10.9448, 0.5561, 0.2391



10.9448, 0.2772, 0.6830



10.9448, 0.1006, 0.3812

Sweetspot

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



10.9452, 0.2477, 0.1344



60.8752, 0.2986, 0.2713



15.1740, 0.1943, 0.1838



12.6381, 0.2965, 0.2637



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



10.9452, 0.2477, 0.1344



14.7435, 0.2306, 0.1088



16.5307, 0.3356, 0.1806



9.4967, 0.3074, 0.3059



4.8271, 0.2224, 0.0999



0.2264, 0.2459, 0.1128

Inverse Universe

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



14.3319, 0.4595, 0.2610



21.9183, 0.5078, 0.2644



38.2347, 0.2976, 0.5490



9.5992, 0.3226, 0.3197



7.6559, 0.5315, 0.2702



0.3129, 0.4691, 0.2358

Previews

White Background



This preview shows how the Yxy color 10.9448, 0.2477, 0.1344 looks on a white background.

Color Contrast Check

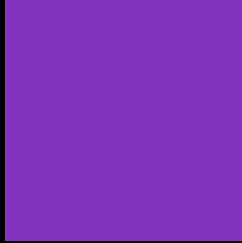
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.9448, 0.2477, 0.1344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

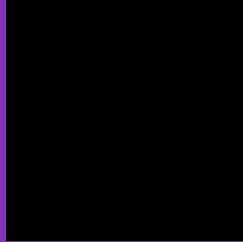
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9448, 0.2477, 0.1344

Background



This preview shows how black text looks on a background with the Yxy color 10.9448, 0.2477, 0.1344.



This preview shows how white text looks on a background with the Yxy color 10.9448, 0.2477, 0.1344.

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

10.9448, 0.2477, 0.1344

Protanopia

11.0739, 0.1744, 0.1479

Deuteranopia

11.1189, 0.1850, 0.1859



Tritanopia

10.9145, 0.3525, 0.3141

Trichromacy



Original Color

10.9448, 0.2477, 0.1344



Protanomaly

9.4221, 0.1800, 0.1291



Deuteranomaly

9.3155, 0.1871, 0.1483



Tritanomaly

10.3308, 0.3080, 0.2234

Monochromacy



Original Color

10.9448, 0.2477, 0.1344



Achromatopsia

10.2242, 0.3127, 0.3290



Achromatomaly

9.6286, 0.2844, 0.2228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9448, 0.2477, 0.1344 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(133, 49, 191)` looks like.

```
.text, #text, p{  
  color:rgb(133, 49, 191)  
}
```

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(133, 49, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 49, 191) }
```

Border

The CSS property to change the border of an element to Yxy 10.9448, 0.2477, 0.1344 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(133, 49, 191) }
```

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

```
.border{ border-color:rgb(133, 49, 191) }
```

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

Here you see how a box with a 4 pixel rgb(133, 49, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 49, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 49, 191);  
box-shadow:4px 4px 4px 4px rgb(133, 49,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9448, 0.2477, 0.1344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 49, 191) }
```

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

```
.background{ background-color: rgb(133, 49,  
191) }
```

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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