

Converting Colors

$Y_{xy}(10.9050, 0.2590, 0.1206)$

Have a look what the booklet for
Yxy(10.9050, 0.2590, 0.1206)
contains.

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Color

Yxy(10.8615, 0.2584, 0.1203)

Conversions

Conversions Part 1

Format	Color
Hex	9703C9
RGB	151, 3, 201
RGB Percent	59%, 1%, 79%
CMY	0.4079, 0.9874, 0.2120
CMYK	0.25, 0.98, 0.00, 0.21
HSL	285°, 97%, 40%
HSV	285°, 98%, 79%
XYZ	23.3301, 10.8615, 56.0952
YIQ	69.8240, 24.6500, 92.9540

Conversions

Conversions Part 2

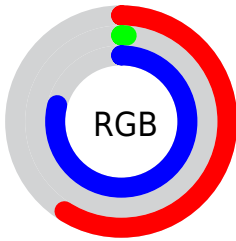
Format	Color
R_{YB}	151, 3, 201
Decimal	9896905
CIE _{Lab}	39.35, 74.50, -64.91
CIE _{LCh}	39, 98.809, 318.937
Yxy	10.8615, 0.2584, 0.1203
Android (android.graphics.Color)	4288086985 (0xFF9703C9)
YUV	69.8240, 64.6698, 71.1914
Hunter-Lab	32.9568, 68.6857, -77.8467

Details

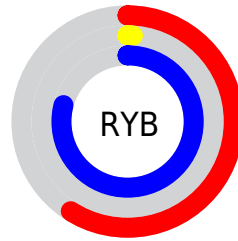
The Yxy color **10.8615, 0.2584, 0.1203** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **42.5196, 0.3107, 0.5905**, and the grayscale version is **6.0016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.1082, 0.2772, 0.1575**, and **4.4025, 0.2330, 0.1057** is the 20% darker color. If you saturate the color by 10%, you get **10.7149, 0.2574, 0.1191**, and if you desaturate by 10%, it is **11.9135, 0.2650, 0.1285**.

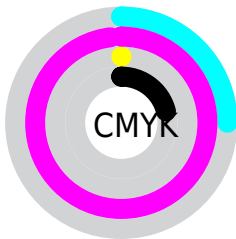
Distribution



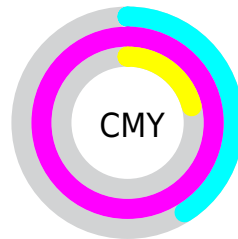
- Red (59%)
- Green (1%)
- Blue (79%)



- Red (59%)
- Yellow (1%)
- Blue (79%)



- Cyan (25%)
- Magenta (98%)
- Yellow (0%)
- Black (21%)





- Cyan (41%)
- Magenta (99%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.8615, 0.2584, 0.1203 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 10.8615, 0.2584, 0.1203 by changing the saturation by 10% instead.


 10.8615, 0.2584,
0.1203


 10.8615, 0.2584,
0.1203


196.7149, 0.2956,
0.2220


 5.9738, 0.2460,
0.0982


 27.4038, 0.2743,
0.1553

 2.8291, 0.2286,
0.0729


 39.8271, 0.2796,
0.1692


 1.0432, 0.2034,
0.0450

 55.5311, 0.2837,
0.1811

 0.0000, 0.1693,
0.0000

 74.9002, 0.2871,
0.1915

 0.0000, 0.1118,
0.0000

 98.3187, 0.2898,
0.2006

 0.0000, 0.0000,
0.0000

 126.1710, 0.2921,

0.2086

158.8416, 0.2940,
0.2157

■ 10.8615, 0.2584,
0.1203

■ 10.8615, 0.2584,
0.1203

■ 10.7149, 0.2574,
0.1191

■ 11.9135, 0.2650,
0.1285

■ 13.5630, 0.2718,
0.1410

■ 15.9551, 0.2786,
0.1581

■ 19.1829, 0.2853,
0.1792

■ 23.3256, 0.2915,
0.2033

■ 28.4533, 0.2971,
0.2293

■ 34.6290, 0.3022,
0.2560

■ 41.9104, 0.3065,
0.2826

■ 50.3509, 0.3101,
0.3084

Harmonies

Analogous

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



10.8615, 0.1281, 0.0923



10.8615, 0.2584, 0.1203



10.8615, 0.4791, 0.1812

Triad

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



10.8615, 0.2584, 0.1203



10.8615, 0.5445, 0.4555



10.8615, 0.0561, 0.2624

Complementary

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



10.8615, 0.2584, 0.1203



42.5196, 0.3107, 0.5905

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.



10.8615, 0.1130, 0.5685



10.8615, 0.2584, 0.1203



10.8615, 0.3813, 0.6187

Square

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



10.8615, 0.2584, 0.1203



10.8615, 0.6618, 0.3382



10.8615, 0.2328, 0.7530



10.8615, 0.0488, 0.1331

Rectangle

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



10.8615, 0.2584, 0.1203



10.8615, 0.6181, 0.2324



10.8615, 0.2328, 0.7530



10.8615, 0.0676, 0.3449

Sweetspot

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



10.8619, 0.2584, 0.1203



57.0362, 0.3012, 0.2506



7.0581, 0.1598, 0.0941



11.2260, 0.2991, 0.2391



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.



10.8619, 0.2584, 0.1203



18.2393, 0.2565, 0.1187



14.8407, 0.3894, 0.1926



10.6765, 0.3098, 0.3059



6.7860, 0.2583, 0.1196



0.3542, 0.2719, 0.1272

Inverse Universe

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



12.7392, 0.5889, 0.3030



21.6352, 0.5967, 0.3061



41.9962, 0.2926, 0.5722



10.6802, 0.3251, 0.3232



7.9694, 0.5899, 0.3024



0.3895, 0.5287, 0.2686

Previews

White Background



This preview shows how the Yxy color 10.8615, 0.2584, 0.1203 looks on a white background.

Color Contrast Check

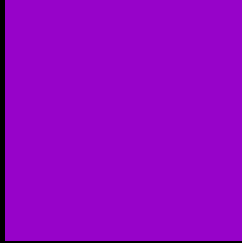
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.8615, 0.2584, 0.1203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

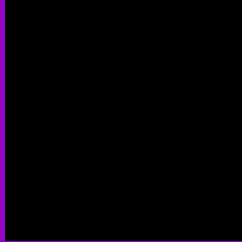
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.8615, 0.2584, 0.1203

Background



This preview shows how black text looks on a background with the Yxy color 10.8615, 0.2584, 0.1203.



This preview shows how white text looks on a background with the Yxy color 10.8615, 0.2584, 0.1203.

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

10.8615, 0.2584, 0.1203

Protanopia

11.2879, 0.1747, 0.1487

Deuteranopia

11.3765, 0.1848, 0.1854



Tritanopia

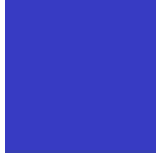
11.2186, 0.4008, 0.3196

Trichromacy



Original Color

10.8615, 0.2584, 0.1203



Protanomaly

7.8803, 0.1771, 0.1075



Deuteranomaly

7.6625, 0.1831, 0.1210



Tritanomaly

9.4754, 0.3413, 0.2043

Monochromacy



Original Color

10.8615, 0.2584, 0.1203



Achromatopsia

6.1246, 0.3127, 0.3290



Achromatomaly

5.9146, 0.2838, 0.1787

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8615, 0.2584, 0.1203 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(151, 3, 201)` looks like.

```
.text, #text, p{  
    color:rgb(151, 3, 201)  
}
```

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(151, 3, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 3, 201) }
```

Border

The CSS property to change the border of an element to Yxy 10.8615, 0.2584, 0.1203 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(151, 3, 201) }
```

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

```
.border{ border-color:rgb(151, 3, 201) }
```

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

Here you see how a box with a 4 pixel rgb(151, 3, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 3, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 3, 201);  
box-shadow:4px 4px 4px 4px rgb(151, 3,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 10.8615, 0.2584, 0.1203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 3, 201) }
```

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

```
.background{ background-color: rgb(151, 3,  
201) }
```

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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