

Converting Colors

$Y_{xy}(10.9478, 0.3488, 0.1985)$

Have a look what the booklet for
Yxy(10.9478, 0.3488, 0.1985)
contains.

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Color

Yxy(11.0168, 0.3486, 0.1984)

Conversions

Conversions Part 1

Format	Color
Hex	9C308A
RGB	156, 48, 138
RGB Percent	61%, 19%, 54%
CMY	0.3882, 0.8118, 0.4588
CMYK	0.00, 0.69, 0.12, 0.39
HSL	310°, 53%, 40%
HSV	310°, 69%, 61%
XYZ	19.3571, 11.0168, 25.1543
YIQ	90.5520, 35.4780, 50.8860

Conversions

Conversions Part 2

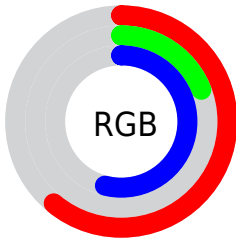
Format	Color
R_{YB}	156, 48, 138
Decimal	10236042
CIE _{Lab}	39.61, 54.48, -26.84
CIE _{LCh}	40, 60.735, 333.771
Yxy	11.0168, 0.3486, 0.1984
Android (android.graphics.Color)	4288426122 (0xFF9C308A)
YUV	90.5520, 23.3919, 57.3979
Hunter-Lab	33.1916, 46.0150, -21.6989

Details

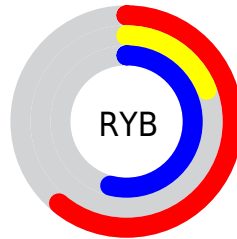
The Yxy color **11.0168, 0.3486, 0.1984** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **24.8030, 0.2930, 0.5157**, and the grayscale version is **10.2944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6524, 0.3414, 0.2258**, and **3.4713, 0.3542, 0.1725** is the 20% darker color. If you saturate the color by 10%, you get **9.8840, 0.3549, 0.1882**, and if you desaturate by 10%, it is **12.6012, 0.3423, 0.2125**.

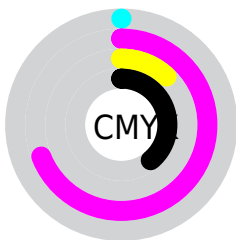
Distribution



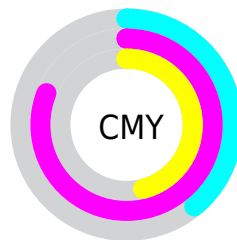
- Red (61%)
- Green (19%)
- Blue (54%)



- Red (61%)
- Yellow (19%)
- Blue (54%)



- Cyan (0%)
- Magenta (69%)
- Yellow (12%)
- Black (39%)





- Cyan (39%)
- Magenta (81%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0168, 0.3486, 0.1984 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 11.0168, 0.3486, 0.1984 by changing the saturation by 10% instead.


 11.0168, 0.3486,
0.1984


 11.0168, 0.3486,
0.1984


197.7828, 0.3300,
0.2705


 6.0781, 0.3531,
0.1783


 27.6912, 0.3419,
0.2262


 2.8927, 0.3584,
0.1516


 40.1958, 0.3393,
0.2362


 1.0759, 0.3643,
0.1150

 55.9911, 0.3372,
0.2444

 0.0000, 0.3937,
0.0000

 75.4616, 0.3353,
0.2513

 0.0000, 0.2749,
0.0000

 98.9916, 0.3337,
0.2572

 0.0000, 0.0000,
0.0000

 126.9655, 0.3323,

0.2622

159.7678, 0.3311,
0.2666

■ 11.0168, 0.3486,
0.1984

■ 11.0168, 0.3486,
0.1984

■ 9.8840, 0.3549,
0.1882

■ 12.6012, 0.3423,
0.2125

■ 9.1517, 0.3611,
0.1823

■ 14.6781, 0.3362,
0.2295

■ 8.7123, 0.3670,
0.1799

■ 17.2854, 0.3304,
0.2488

■ 8.6813, 0.3674,
0.1798

■ 20.4570, 0.3251,
0.2692

■ 24.2240, 0.3204,
0.2900

■ 28.6150, 0.3161,
0.3106

■ 33.6571, 0.3125,
0.3305

■ 39.3755, 0.3093,
0.3493

■ 45.7941, 0.3066,
0.3670

Harmonies

Analogous

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



11.0168, 0.2246, 0.1591



11.0168, 0.3486, 0.1984



11.0168, 0.4883, 0.2613

Triad

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



11.0168, 0.3486, 0.1984



11.0168, 0.4629, 0.5122



11.0168, 0.1124, 0.2404

Complementary

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



11.0168, 0.3486, 0.1984



24.8030, 0.2930, 0.5157

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.



11.0168, 0.1509, 0.3806



11.0168, 0.3486, 0.1984



11.0168, 0.3508, 0.5820

Square

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



11.0168, 0.3486, 0.1984



11.0168, 0.5458, 0.4176



11.0168, 0.2377, 0.5420



11.0168, 0.1135, 0.1705

Rectangle

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



11.0168, 0.3486, 0.1984



11.0168, 0.5507, 0.3099



11.0168, 0.2377, 0.5420



11.0168, 0.1202, 0.2790

Sweetspot

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



11.0173, 0.3486, 0.1984



42.4079, 0.3213, 0.2855



5.6715, 0.1978, 0.1206



8.9400, 0.3225, 0.2802



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



11.0173, 0.3486, 0.1984



17.1465, 0.3583, 0.1844



9.8221, 0.4597, 0.2758



6.7356, 0.3161, 0.3106



7.1537, 0.3670, 0.1796



0.1325, 0.3459, 0.1679

Inverse Universe

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



11.0173, 0.3486, 0.1984



17.1465, 0.3583, 0.1844



25.7659, 0.2572, 0.4017



6.7356, 0.3161, 0.3106



7.1537, 0.3670, 0.1796



0.1325, 0.3459, 0.1679

Previews

White Background



This preview shows how the Yxy color 11.0168, 0.3486, 0.1984 looks on a white background.

Color Contrast Check

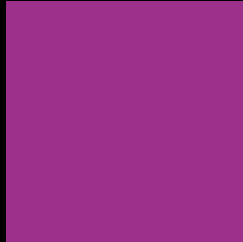
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0168, 0.3486, 0.1984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

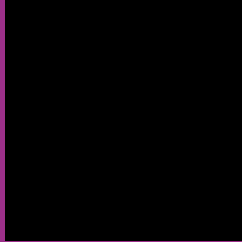
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0168, 0.3486, 0.1984

Background



This preview shows how black text looks on a background with the Yxy color 11.0168, 0.3486, 0.1984.



This preview shows how white text looks on a background with the Yxy color 11.0168, 0.3486, 0.1984.

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

11.0168, 0.3486, 0.1984

Protanopia

11.4670, 0.1936, 0.1710

Deuteranopia

11.2612, 0.2509, 0.2459



Tritanopia

11.0048, 0.4571, 0.3211

Trichromacy



Original Color

11.0168, 0.3486, 0.1984

Protanomaly

9.9014, 0.2260, 0.1692

Deuteranomaly

10.2802, 0.2799, 0.2170

Tritanomaly

10.8760, 0.4175, 0.2707

Monochromacy



Original Color

11.0168, 0.3486, 0.1984

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

9.7597, 0.3280, 0.2604

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0168, 0.3486, 0.1984 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(156, 48, 138)` looks like.

```
.text, #text, p{  
    color:rgb(156, 48, 138)  
}
```

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(156, 48, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 48, 138) }
```

Border

The CSS property to change the border of an element to Yxy 11.0168, 0.3486, 0.1984 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(156, 48, 138) }
```

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

```
.border{ border-color:rgb(156, 48, 138) }
```

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

Here you see how a box with a 4 pixel rgb(156, 48, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 48, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 48, 138);  
box-shadow:4px 4px 4px 4px rgb(156, 48,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0168, 0.3486, 0.1984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 48, 138) }
```

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

```
.background{ background-color: rgb(156, 48,  
138) }
```

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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