

Converting Colors

YUV(70.7350, 39.5706, 94.9484)

Have a look what the booklet for
YUV(70.7350, 39.5706, 94.9484)
contains.

YUV(70.7350, 39.5706, 94.9484)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(70.7350, 39.5706,
94.9484)**

Conversions

Conversions Part 1

Format	Color
Hex	B30097
RGB	179, 0, 151
RGB Percent	70%, 0%, 59%
CMY	0.2980, 1.0000, 0.4078
CMYK	0.00, 1.00, 0.16, 0.30
HSL	309°, 100%, 35%
HSV	309°, 100%, 70%
XYZ	24.1763, 11.8181, 30.2850
YIQ	70.7350, 58.2130, 84.9090

Conversions

Conversions Part 2

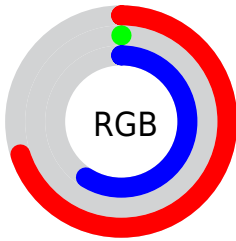
Format	Color
R_{YB}	179, 0, 151
Decimal	11731095
CIE _{Lab}	40.93, 71.43, -32.41
CIE _{LCh}	41, 78.440, 335.599
Yxy	11.8181, 0.3648, 0.1783
Android (android.graphics.Color)	4289921175 (0xFFB30097)
YUV	70.7350, 39.5706, 94.9484
Hunter-Lab	34.3774, 65.3717, -28.1678

Details

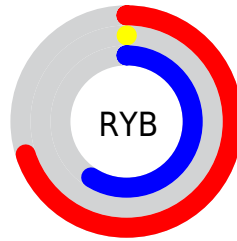
The YUV color **70.7350, 39.5706, 94.9484** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **108.2650, -39.5706, -94.9484**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.8400, 30.1519, 82.5783**, and **47.5790, 25.8436, 64.3902** is the 20% darker color. If you saturate the color by 10%, you get **70.7350, 39.5706, 94.9484**, and if you desaturate by 10%, it is **81.6430, 35.6720, 85.3821**.

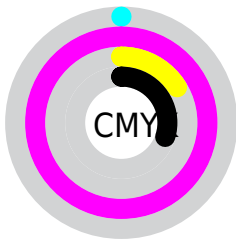
Distribution



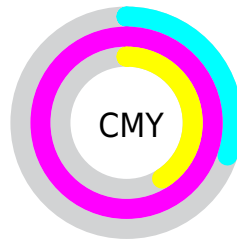
- Red (70%)
- Green (0%)
- Blue (59%)



- Red (70%)
- Yellow (0%)
- Blue (59%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (30%)





- Cyan (30%)
- Magenta (100%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.7350, 39.5706, 94.9484 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 YUV color 70.7350, 39.5706, 94.9484 by changing the saturation by 10% instead.

 70.7350, 39.5706,
94.9484


 70.7350, 39.5706,
94.9484


255.0000, 0.0000,
0.0000


 59.1000, 32.4887,
79.7193


 144.8400, 30.1519,
82.5783


 47.5790, 25.8436,
64.3902


 169.8390, 31.6314,
74.6862


 36.3570, 19.0510,
49.6759

 189.2560, 32.4118,
57.6575

 25.9610, 12.8372,
35.9912

 206.8660, 23.7301,
42.2135

 14.7820, 7.5025,
20.3622

 223.8890, 15.3377,
27.2843

 0.0000, 0.0000,
0.0000

 241.4990, 6.6560,

11.8404

■ 70.7350, 39.5706,
94.9484

■ 81.6430, 35.6720,
85.3821

■ 92.5510, 31.7734,
75.8158

■ 103.3450, 27.4379,
66.3494

■ 114.2530, 23.5393,
56.7831

■ 125.1610, 19.6406,
47.2168

■ 135.4820, 16.0314,
38.1653

■ 146.3900, 12.1327,
28.5990

■ 157.1840, 7.7973,
19.1326

■ 168.0920, 3.8986,
9.5663

Harmonies

Analogous

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



96.5020, 52.5035, 6.5757



70.7350, 39.5706, 94.9484



71.0280, 8.3672, 116.6164

Triad

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



70.7350, 39.5706, 94.9484



89.8180, -44.2803, 15.9456



91.1080, 39.3868, -79.9017

Complementary

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



70.7350, 39.5706, 94.9484



108.2650, -39.5706, -94.9484

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.



83.8120, 11.4317, -73.5031



70.7350, 39.5706, 94.9484



74.4150, -36.6866, -39.8290

Square

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



70.7350, 39.5706, 94.9484



89.2180, -43.9845, 61.1988



74.1850, -17.8392, -65.0602



93.1890, 60.0528, -81.7268

Rectangle

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



70.7350, 39.5706, 94.9484



65.0440, -9.3887, 118.3564



74.1850, -17.8392, -65.0602



88.8280, 30.6508, -77.9022

Sweetspot

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



70.7350, 39.5706, 94.9484



189.6560, 15.4526, 37.1357



28.4790, 74.2069, -1.2971



91.6620, 9.5336, 22.2214



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



70.7350, 39.5706, 94.9484



91.7120, 51.4140, 123.0326



60.7030, 1.1324, 103.7465



83.6030, 2.1677, 4.7332



60.4530, 33.7937, 81.1637



10.2820, 5.7770, 13.7847

Inverse Universe

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



70.7350, 39.5706, 94.9484



91.7120, 51.4140, 123.0326



118.2970, -1.1324, -103.7465



83.6030, 2.1677, 4.7332



60.4530, 33.7937, 81.1637



10.2820, 5.7770, 13.7847

Previews

White Background



This preview shows how the YUV color 70.7350, 39.5706, 94.9484 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 YUV color 70.7350, 39.5706, 94.9484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

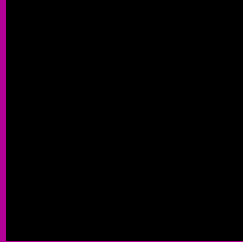
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.7350, 39.5706, 94.9484

Background



This preview shows how black text looks on a background with the YUV color 70.7350, 39.5706, 94.9484.



This preview shows how white text looks on a background with the YUV color 70.7350, 39.5706,

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



Protanopia

78.9070, 61.1778, -69.2014

Deuteranopia

98.5310, 21.4302, -13.6207

Tritanopia

92.9440, -14.7624, 68.4551

Trichromacy



Protanomaly

75.6310, 53.4259, -9.3234

Deuteranomaly

88.2060, 27.9994, 26.1293

Tritanomaly

85.1620, 4.8501, 77.9109

Monochromacy



Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.7050, 14.4424, 34.4617

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.7350, 39.5706, 94.9484 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(179, 0, 151)` looks like.

```
.text, #text, p{  
  color:rgb(179, 0, 151)  
}
```

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(179, 0, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 0, 151) }
```

Border

The CSS property to change the border of an element to YUV 70.7350, 39.5706, 94.9484 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(179, 0, 151) }
```

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

```
.border{ border-color:rgb(179, 0, 151) }
```

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

Here you see how a box with a 4 pixel rgb(179, 0, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 0, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 0, 151);  
box-shadow:4px 4px 4px 4px rgb(179, 0,  
151) }
```


Background

The CSS property to change the background color of an element to YUV 70.7350, 39.5706, 94.9484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 0, 151) }
```

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

```
.background{ background-color: rgb(179, 0,  
151) }
```

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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