

Converting Colors

YUV(110.3200, 31.8872,
39.1844)

Have a look what the booklet for
YUV(110.3200, 31.8872, 39.1844)
contains.

YUV(110.3200, 31.8872, 39.1844)	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>	31

Color

**YUV(110.3200, 31.8872,
39.1844)**

Conversions

Conversions Part 1

Format	Color
Hex	9B4BAF
RGB	155, 75, 175
RGB Percent	61%, 29%, 69%
CMY	0.3922, 0.7059, 0.3137
CMYK	0.11, 0.57, 0.00, 0.31
HSL	288°, 40%, 49%
HSV	288°, 57%, 69%
XYZ	23.7715, 15.0959, 42.2183
YIQ	110.3200, 15.5800, 48.0600

Conversions

Conversions Part 2

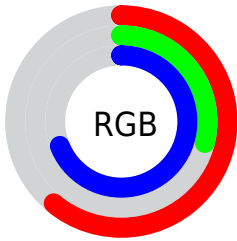
Format	Color
R_{YB}	155, 75, 175
Decimal	10177455
CIE _{Lab}	45.77, 48.79, -39.35
CIE _{LCh}	46, 62.683, 321.117
Yxy	15.0959, 0.2932, 0.1862
Android (android.graphics.Color)	4288367535 (0xFF9B4BAF)
YUV	110.3200, 31.8872, 39.1844
Hunter-Lab	38.8534, 41.2175, -37.2275

Details

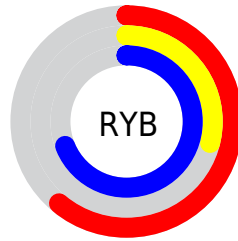
The YUV color **110.3200, 31.8872, 39.1844** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **139.6800, -31.8872, -39.1844**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.8580, 32.6080, 41.3435**, and **55.8470, 32.6134, 39.5992** is the 20% darker color. If you saturate the color by 10%, you get **99.4440, 37.2491, 46.0916**, and if you desaturate by 10%, it is **122.0820, 26.0886, 32.3771**.

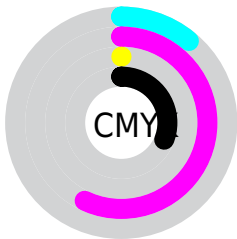
Distribution



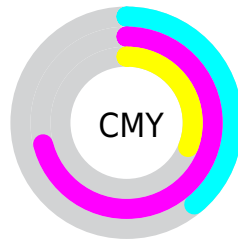
- Red (61%)
- Green (29%)
- Blue (69%)



- Red (61%)
- Yellow (29%)
- Blue (69%)



- Cyan (11%)
- Magenta (57%)
- Yellow (0%)
- Black (31%)



- Cyan (39%)
- Magenta (71%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.3200, 31.8872, 39.1844 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 110.3200, 31.8872, 39.1844 by changing the saturation by 10% instead.

■ 110.3200, 31.8872,
39.1844

■ 110.3200, 31.8872,
39.1844

■ 255.0000, 0.0000,
0.0000

■ 83.9070, 31.5978,
38.6696

■ 164.8580, 32.6080,
41.3435

■ 55.8470, 32.6134,
39.5992

■ 192.1140, 31.0028,
42.8730

■ 33.4830, 31.3139,
36.4104

■ 212.1490, 21.1255,
37.5803

■ 22.8590, 24.2265,
22.9257

■ 229.1720, 12.7332,
22.6512

■ 13.0610, 17.7179,
10.4705

■ 245.6080, 4.6303,
8.2368

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 110.3200, 31.8872,
39.1844

■ 110.3200, 31.8872,
39.1844

■ 99.4440, 37.2491,
46.0916

■ 122.0820, 26.0886,
32.3771

■ 87.6820, 43.0478,
52.8989

■ 132.9580, 20.7267,
25.4698

■ 76.2190, 48.6990,
60.3209

■ 144.7200, 14.9280,
18.6626

■ 65.0440, 54.2083,
66.6134

■ 155.5960, 9.5662,
11.7553

■ 61.8100, 55.8027,
68.5726

■ 167.3580, 3.7675,
4.9480

■ 178.2340, -1.5944,
-1.9592

■ 189.6970, -7.2456,
-9.3813

■ 200.8720,
-12.7549, -15.6737

■ 212.3350,
-18.4062, -23.0958

Harmonies

Analogous

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



102.9180, 51.3124, -31.5001



110.3200, 31.8872, 39.1844



101.4210, 12.1174, 80.3148

Triad

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



110.3200, 31.8872, 39.1844



102.3430, -50.4551, 36.5332



94.0140, 25.1361, -82.4503

Complementary

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



110.3200, 31.8872, 39.1844



139.6800, -31.8872, -39.1844

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.



87.1570, 1.4016, -76.4367



110.3200, 31.8872, 39.1844



97.3830, -48.0098, -1.2129

Square

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



110.3200, 31.8872, 39.1844



101.7550, -38.3332, 68.6209



78.5500, -21.4701, -67.1343



97.3830, 45.6602, -85.4049

Rectangle

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



110.3200, 31.8872, 39.1844



97.7630, -3.3342, 89.6618



78.5500, -21.4701, -67.1343



91.9620, 17.2737, -80.6507

Sweetspot

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



110.3200, 31.8872, 39.1844



201.7150, 12.4655, 15.1589



98.1400, 37.8920, -20.2938



100.0040, 7.3930, 8.7665



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



110.3200, 31.8872, 39.1844



125.5720, 50.0040, 61.7654



112.8800, 15.8352, 54.4792



81.1190, 2.8993, 3.4036



52.9800, 47.8309, 58.7765



8.0040, 7.3930, 8.7665

Inverse Universe

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



107.1800, -6.0047, 59.4781



120.5910, -9.1654, 93.3207



137.1200, -15.8352, -54.4792



80.9190, -0.4531, 5.3330



48.2700, -9.0071, 89.2172



7.4470, -1.2064, 13.6400

Previews

White Background



This preview shows how the YUV color 110.3200, 31.8872, 39.1844 looks on a white background.

Color Contrast Check

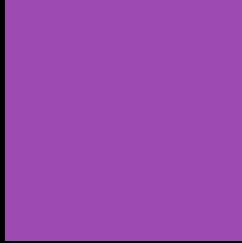
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.3200, 31.8872, 39.1844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

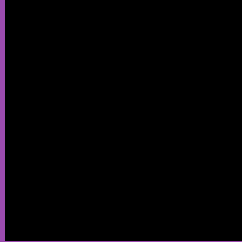
Any Text WCAG AA × Fail

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 110.3200, 31.8872, 39.1844 Background



This preview shows how black text looks on a background with the YUV color 110.3200, 31.8872, 39.1844.



This preview shows how white text looks on a background with the YUV color 110.3200, 31.8872,

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

110.3200, 31.8872, 39.1844

Protanopia

102.2220, 50.1766, -40.5367

Deuteranopia

106.5710, 30.7775, -25.0568



Tritanopia

110.7480, -4.3128, 30.0390

Trichromacy



Original Color

110.3200, 31.8872, 39.1844



Protanomaly

105.2750, 43.2484, -11.6422



Deuteranomaly

108.1270, 30.9964, -1.8654



Tritanomaly

110.9130, 8.9169, 33.4023

Monochromacy



Original Color

110.3200, 31.8872, 39.1844



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

109.8890, 11.8867, 14.1293

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.3200, 31.8872, 39.1844 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(155, 75, 175)` looks like.

```
.text, #text, p{  
    color:rgb(155, 75, 175)  
}
```

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(155, 75, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 75, 175) }
```

Border

The CSS property to change the border of an element to YUV 110.3200, 31.8872, 39.1844 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(155, 75, 175) }
```


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

```
.border{ border-color:rgb(155, 75, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 75, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 75, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 75, 175); box-shadow:4px 4px 4px 4px rgb(155, 75, 175) }
```

Background

The CSS property to change the background color of an element to YUV 110.3200, 31.8872, 39.1844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 75, 175) }
```

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

```
.background{ background-color: rgb(155, 75,  
175) }
```

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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