

Converting Colors

YUV(39.1690, -19.3103,
80.5358)

Have a look what the booklet for
YUV(39.1690, -19.3103, 80.5358)
contains.

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Color

**YUV(39.1690, -19.3103,
80.5358)**

Conversions

Conversions Part 1

Format	Color
Hex	830000
RGB	131, 0, 0
RGB Percent	51%, 0%, 0%
CMY	0.4863, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.49
HSL	0°, 100%, 26%
HSV	0°, 100%, 51%
XYZ	9.3601, 4.8253, 0.4380
YIQ	39.1690, 78.0760, 27.7720

Conversions

Conversions Part 2

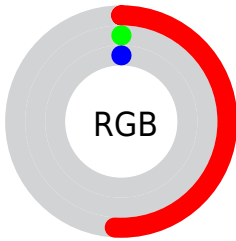
Format	Color
R_{YB}	131, 0, 0
Decimal	8585216
CIE Lab	26.23, 48.87, 38.96
CIE LCh	26, 62.496, 38.565
Yxy	4.8253, 0.6401, 0.3300
Android (android.graphics.Color)	4286775296 (0xFF830000)
YUV	39.1690, -19.3103, 80.5358
Hunter-Lab	21.9666, 37.6184, 14.1943

Details

The YUV color **39.1690, -19.3103, 80.5358** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **91.8310, 19.3103, -80.5358**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.0950, -27.1618, 78.8467**, and **21.5280, -10.6133, 44.2639** is the 20% darker color. If you saturate the color by 10%, you get **39.1690, -19.3103, 80.5358**, and if you desaturate by 10%, it is **48.2820, -17.3940, 72.5437**.

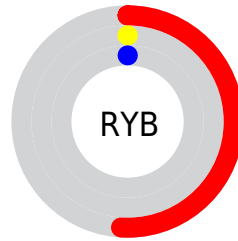
Distribution



Red (51%)

Green (0%)

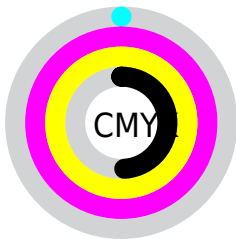
Blue (0%)



Red (51%)

Yellow (0%)

Blue (0%)

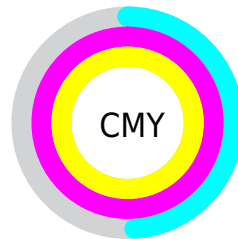


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (49%)



Cyan (49%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 39.1690, -19.3103, 80.5358 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 39.1690, -19.3103, 80.5358 by changing the saturation by 10% instead.


 39.1690, -19.3103,
80.5358

 39.1690, -19.3103,
80.5358


 251.8080,
-12.2303, 2.7994

 30.1990, -14.8881,
62.0925

 102.0950,
-27.1618, 78.8467

 21.5280, -10.6133,
44.2639


 129.8350,
-29.4987, 81.7057

 13.5690, -6.1965,
27.5650

 157.6890,
-31.3987, 84.4647


 0.0000, 0.0000,
0.0000


 176.6870,
-28.4397, 68.6805


 196.0870,
-25.1859, 51.6667


 215.6010,


-21.4953, 34.5529


 235.7020,
-18.0941, 16.9243


 39.1690, -19.3103,
80.5358

 48.2820, -17.3940,
72.5437

 57.3950, -15.4777,
64.5516

 66.5080, -13.5614,
56.5595

 75.6210, -11.6452,
48.5674

 85.4350, -9.5815,
39.9605

■ 94.5480, -7.6652,
31.9684

■ 103.6610, -5.7489,
23.9763

■ 112.7740, -3.8326,
15.9842

■ 121.8870, -1.9163,
7.9921

Harmonies

Analogous

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



47.9730, 1.4923, 81.5847



39.1690, -19.3103, 80.5358



58.0980, -28.6423, 40.2561

Triad

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



39.1690, -19.3103, 80.5358



49.1090, -12.3787, -43.0686



56.1670, 50.2037, -49.2585

Complementary

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



39.1690, -19.3103, 80.5358



91.8310, 19.3103, -80.5358

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.



62.5270, 44.1102, -54.8362



39.1690, -19.3103, 80.5358



55.5100, 9.6086, -48.6823

Square

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



39.1690, -19.3103, 80.5358



43.4380, -21.4149, -38.0951



60.7540, 29.7013, -53.2813



61.6370, 37.6470, 11.7194

Rectangle

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



39.1690, -19.3103, 80.5358



58.8410, -29.0086, 17.6794



60.7540, 29.7013, -53.2813



59.2160, 49.1935, -51.9324

Sweetspot

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



39.1690, -19.3103, 80.5358



135.2490, -7.5178, 31.3536



54.1030, 37.9102, 67.4387



64.5680, -4.7170, 19.6729



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



39.1690, -19.3103, 80.5358



51.1290, -25.2066, 105.1269



77.9110, -38.4101, 46.5591



61.7940, -0.8844, 3.6887



38.8700, -19.1629, 79.9210



0.8970, -0.4422, 1.8443

Inverse Universe

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



91.8310, 19.3103, -80.5358



119.8710, 25.2066, -105.1269



53.6760, 38.1207, -47.0739



64.2060, 0.8844, -3.6887



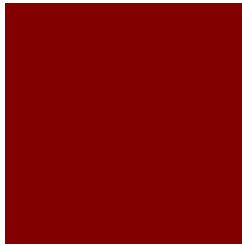
91.1300, 19.1629, -79.9210



2.1030, 0.4422, -1.8443

Previews

White Background



This preview shows how the YUV color 39.1690, -19.3103, 80.5358 looks on a white background.

Color Contrast Check

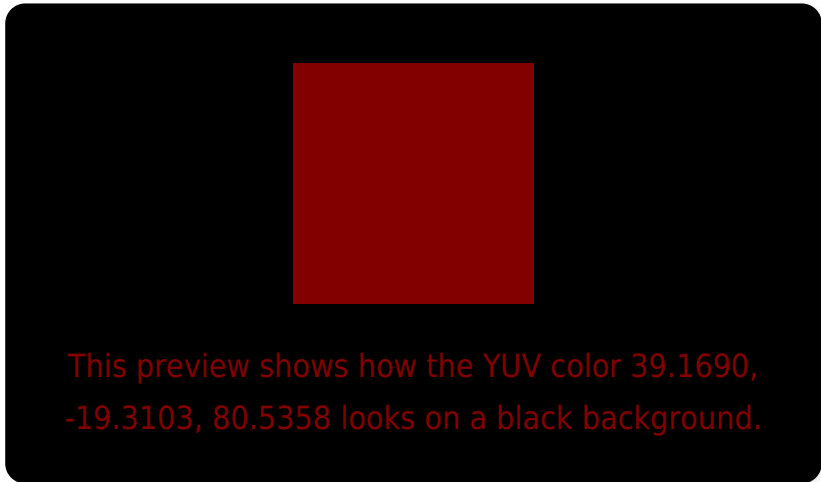
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

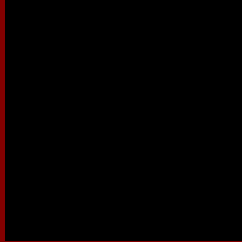
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.1690, -19.3103, 80.5358

Background



This preview shows how black text looks on a background with the YUV color 39.1690, -19.3103, 80.5358.



This preview shows how white text looks on a background with the YUV color 39.1690, -19.3103,

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

39.1690, -19.3103, 80.5358

Protanopia

62.8060, -22.5824, 9.8171

Deuteranopia

61.7980, -30.4664, 18.5942



Tritanopia

45.9140, -22.6356, 73.7434

Trichromacy



Original Color

39.1690, -19.3103, 80.5358

Protanomaly

54.3130, -21.3533, 35.6825

Deuteranomaly

53.3800, -26.3163, 40.8857

Tritanomaly

43.5660, -21.4780, 75.8026

Monochromacy



Original Color

39.1690, -19.3103, 80.5358

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.0530, -6.9281, 28.8945

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.1690, -19.3103, 80.5358 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(131, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(131, 0, 0)  
}
```

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(131, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 0, 0) }
```

Border

The CSS property to change the border of an element to YUV 39.1690, -19.3103, 80.5358 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(131, 0, 0) }
```


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

```
.border{ border-color:rgb(131, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(131, 0, 0); box-shadow:4px  
4px 4px 4px rgb(131, 0, 0) }
```

Background

The CSS property to change the background color of an element to YUV 39.1690, -19.3103, 80.5358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 0, 0) }
```

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

```
.background{ background-color: rgb(131, 0,  
0) }
```

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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