

Converting Colors

YUV(39.0330, -6.4253, 54.3451)

Have a look what the booklet for
YUV(39.0330, -6.4253, 54.3451)
contains.

YUV(39.0330, -6.4253, 54.3451)	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(39.0330, -6.4253,
54.3451)**

Conversions

Conversions Part 1

Format	Color
Hex	650A1A
RGB	101, 10, 26
RGB Percent	40%, 4%, 10%
CMY	0.6039, 0.9608, 0.8980
CMYK	0.00, 0.90, 0.74, 0.60
HSL	349°, 82%, 22%
HSV	349°, 90%, 40%
XYZ	5.6618, 3.0584, 1.2692
YIQ	39.0330, 49.1000, 24.2680

Conversions

Conversions Part 2

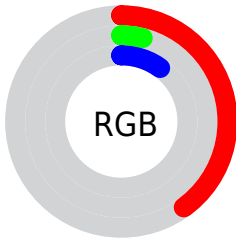
Format	Color
R_{YB}	101, 10, 26
Decimal	6621722
CIE Lab	20.28, 38.91, 17.20
CIE LCh	20, 42.542, 23.844
Yxy	3.0584, 0.5668, 0.3062
Android (android.graphics.Color)	4284811802 (0xFF650A1A)
YUV	39.0330, -6.4253, 54.3451
Hunter-Lab	17.4882, 27.1853, 7.9388

Details

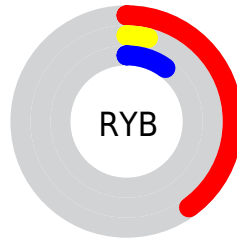
The YUV color **39.0330, -6.4253, 54.3451** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **71.9670, 6.4253, -54.3451**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.9640, -11.8143, 56.1596**, and **15.1780, -6.4968, 30.5389** is the 20% darker color. If you saturate the color by 10%, you get **32.2510, -7.0257, 60.2929**, and if you desaturate by 10%, it is **45.8150, -5.8248, 48.3972**.

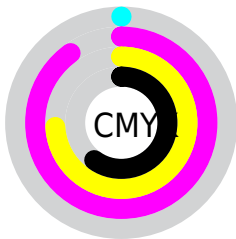
Distribution



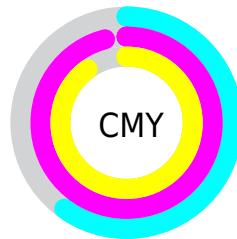
- Red (40%)
- Green (4%)
- Blue (10%)



- Red (40%)
- Yellow (4%)
- Blue (10%)



- Cyan (0%)
- Magenta (90%)
- Yellow (74%)
- Black (60%)



- Cyan (60%)
- Magenta (96%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.0330, -6.4253, 54.3451 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 39.0330, -6.4253, 54.3451 by changing the saturation by 10% instead.

■ 39.0330, -6.4253,
54.3451

■ 39.0330, -6.4253,
54.3451

254.7720, -0.8736,
0.2000

■ 22.1260, -10.9081,
45.4935

■ 92.9640, -11.8143,
56.1596

■ 15.1780, -6.4968,
30.5389

■ 118.9320,
-13.2775, 58.8186

■ 0.0000, 0.0000,
0.0000

■ 146.0140,
-14.3039, 61.3777


■ 173.7970,
-15.1829, 63.3220


■ 195.3010,
-12.9664, 52.3560


■ 214.8150, -9.2758,


35.2422


 234.4430, -5.1484,
18.0285


 39.0330, -6.4253,
54.3451


 39.0330, -6.4253,
54.3451


 32.2510, -7.0257,
60.2929

 45.8150, -5.8248,
48.3972

 52.7110, -4.7875,
42.3495

 59.4930, -4.1870,
36.4016

 66.2750, -3.5866,
30.4538

 73.7580, -2.8387,
23.8912

■ 80.5400, -2.2382,
17.9434

■ 87.3220, -1.6377,
11.9956

■ 94.2180, -0.6005,
5.9478

■ 101.0000, 0.0000,
0.0000

Harmonies

Analogous

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



38.4470, 9.1466, 53.1050



39.0330, -6.4253, 54.3451



44.8080, -22.0903, 38.7564

Triad

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



39.0330, -6.4253, 54.3451



35.3170, -14.4533, -30.9730



45.0530, 33.0049, -39.5115

Complementary

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



39.0330, -6.4253, 54.3451



71.9670, 6.4253, -54.3451

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.



46.5060, 25.8795, -40.7858



39.0330, -6.4253, 54.3451



41.0680, -0.0335, -36.0166

Square

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



39.0330, -6.4253, 54.3451



43.0600, -21.2286, -4.4376



44.7160, 13.9440, -39.2159



46.0990, 30.0242, -16.7498

Rectangle

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



39.0330, -6.4253, 54.3451



46.4920, -22.9206, 25.0015



44.7160, 13.9440, -39.2159



45.8850, 31.1157, -40.2411

Sweetspot

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



39.0330, -6.4253, 54.3451



106.1490, -2.5385, 20.9173



42.5000, 28.8405, 36.3955



51.7350, -1.3484, 12.5104



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



39.0330, -6.4253, 54.3451



41.4920, -9.1166, 77.6215



54.2320, -21.8064, 41.0155



47.6090, -0.3002, 2.9739



36.6650, -8.2158, 68.6998



77.2600, -16.8902, 144.4770

Inverse Universe

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



39.0330, -6.4253, 54.3451



41.4920, -9.1166, 77.6215



56.7680, 21.8064, -41.0155



47.6090, -0.3002, 2.9739



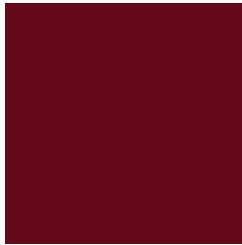
36.6650, -8.2158, 68.6998



77.2600, -16.8902, 144.4770

Previews

White Background



This preview shows how the YUV color 39.0330, -6.4253, 54.3451 looks on a white background.

Color Contrast Check

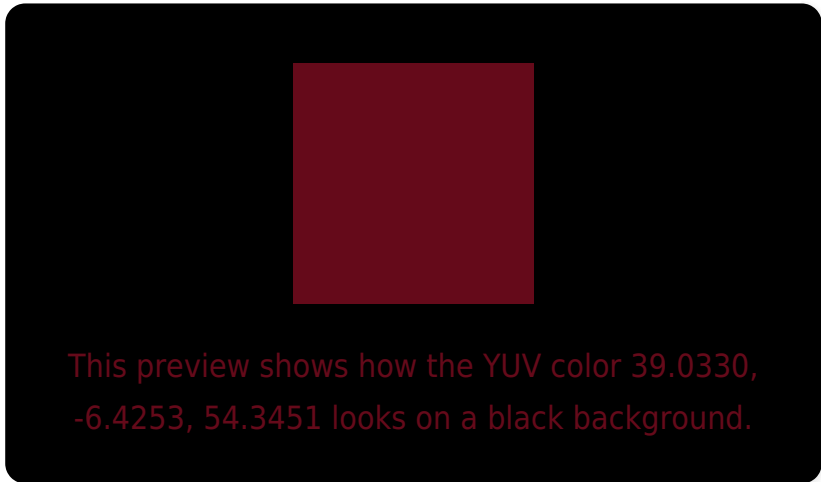
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.0330, -6.4253, 54.3451

Background



This preview shows how black text looks on a background with the YUV color 39.0330, -6.4253, 54.3451.

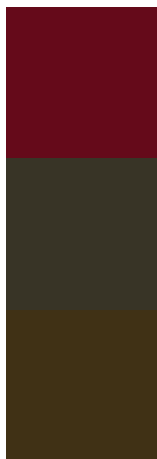


This preview shows how white text looks on a background with the YUV color 39.0330, -6.4253,

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

39.0330, -6.4253, 54.3451

Protanopia

51.6000, -6.7048, 3.8588

Deuteranopia

50.2930, -14.4414, 12.0210



Tritanopia

39.7850, -13.6980, 53.6856

Trichromacy



Original Color

39.0330, -6.4253, 54.3451

Protanomaly

47.1230, -6.4696, 21.8171

Deuteranomaly

46.1900, -11.4327, 27.0204

Tritanomaly

39.7680, -11.2246, 53.7005

Monochromacy



Original Color

39.0330, -6.4253, 54.3451

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.8500, -2.3911, 20.3026

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.0330, -6.4253, 54.3451 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(101, 10, 26)` looks like.

```
.text, #text, p{  
    color:rgb(101, 10, 26)  
}
```

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(101, 10, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 10, 26) }
```

Border

The CSS property to change the border of an element to YUV 39.0330, -6.4253, 54.3451 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(101, 10, 26) }
```


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

```
.border{ border-color:rgb(101, 10, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 10, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 10, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 10, 26);  
box-shadow:4px 4px 4px 4px rgb(101, 10,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 39.0330, -6.4253, 54.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 10, 26) }
```

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

```
.background{ background-color: rgb(101, 10,  
26) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor