

Converting Colors

YUV(37.9840, -5.4151, 57.0190)

Have a look what the booklet for
YUV(37.9840, -5.4151, 57.0190)
contains.

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Color

**YUV(37.9840, -5.4151,
57.0190)**

Conversions

Conversions Part 1

Format	Color
Hex	67071B
RGB	103, 7, 27
RGB Percent	40%, 3%, 11%
CMY	0.5961, 0.9725, 0.8941
CMYK	0.00, 0.93, 0.74, 0.60
HSL	348°, 87%, 22%
HSV	348°, 93%, 40%
XYZ	5.8673, 3.1147, 1.3289
YIQ	37.9840, 50.7960, 26.5720

Conversions

Conversions Part 2

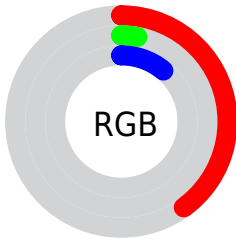
Format	Color
R_{YB}	103, 7, 27
Decimal	6752027
CIE _{Lab}	20.50, 40.29, 16.88
CIE _{LCh}	20, 43.684, 22.730
Yxy	3.1147, 0.5690, 0.3021
Android (android.graphics.Color)	4284942107 (0xFF67071B)
YUV	37.9840, -5.4151, 57.0190
Hunter-Lab	17.6484, 28.4589, 7.8896

Details

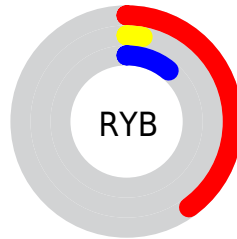
The YUV color **37.9840, -5.4151, 57.0190** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **72.0160, 5.4151, -57.0190**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.3880, -11.5303, 58.4187**, and **15.4770, -6.6442, 31.1537** is the 20% darker color. If you saturate the color by 10%, you get **33.1910, -6.0102, 61.2225**, and if you desaturate by 10%, it is **44.7660, -4.8146, 51.0712**.

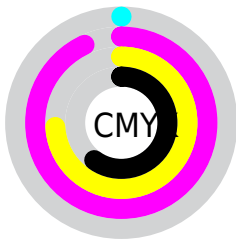
Distribution



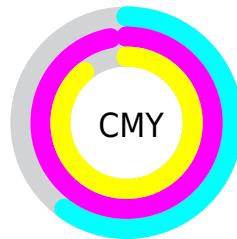
- Red (40%)
- Green (3%)
- Blue (11%)



- Red (40%)
- Yellow (3%)
- Blue (11%)



- Cyan (0%)
- Magenta (93%)
- Yellow (74%)
- Black (60%)



- Cyan (60%)
- Magenta (97%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.9840, -5.4151, 57.0190 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 37.9840, -5.4151, 57.0190 by changing the saturation by 10% instead.

■ 37.9840, -5.4151,
57.0190

■ 37.9840, -5.4151,
57.0190

■ 254.8860, -0.4368,
0.1000

■ 22.7240, -11.2029,
46.7231

■ 93.3880, -11.5303,
58.4187

■ 15.4770, -6.6442,
31.1537

■ 120.0570,
-12.8461, 60.4630

■ 0.0000, 0.0000,
0.0000


■ 146.7260,
-14.1619, 62.5073


■ 174.2210,
-14.8990, 65.5812


■ 194.8280,
-12.2402, 52.7708


■ 214.4560, -8.1128,


35.5571


 234.6710, -4.2748,
17.8285


 37.9840, -5.4151,
57.0190


 37.9840, -5.4151,
57.0190


 33.1910, -6.0102,
61.2225

 44.7660, -4.8146,
51.0712

 52.1350, -4.5036,
44.6086

 58.9170, -3.9031,
38.6608

 65.8130, -2.8658,
32.6130

 73.1820, -2.5547,
26.1504

■ 79.9640, -1.9543,
20.2026

■ 86.7460, -1.3538,
14.2548

■ 93.5280, -0.7533,
8.3069

■ 100.8970, -0.4422,
1.8443

Harmonies

Analogous

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



38.0990, 10.3042, 55.1642



37.9840, -5.4151, 57.0190



44.8190, -22.0958, 40.5007

Triad

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



37.9840, -5.4151, 57.0190



35.5620, -16.0531, -31.1879



45.8680, 33.5891, -40.2262

Complementary

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



37.9840, -5.4151, 57.0190



72.0160, 5.4151, -57.0190

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.



47.2070, 26.0269, -41.4005



37.9840, -5.4151, 57.0190



40.9540, -0.4703, -35.9167

Square

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



37.9840, -5.4151, 57.0190



43.9460, -21.6654, -4.3376



45.3030, 13.6546, -39.7307



44.5330, 31.7822, -20.6384

Rectangle

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



37.9840, -5.4151, 57.0190



47.0900, -23.2154, 26.2311



45.3030, 13.6546, -39.7307



46.7000, 31.6999, -40.9559

Sweetspot

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



37.9840, -5.4151, 57.0190



109.2740, -2.1071, 22.5617



40.3690, 30.8771, 36.5104



52.7460, -1.3538, 14.2548



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



37.9840, -5.4151, 57.0190



43.5570, -7.6696, 80.1955



51.5530, -21.9646, 45.1190



47.6090, -0.3002, 2.9739



37.1210, -6.4687, 68.2999



78.0580, -13.8326, 143.7771

Inverse Universe

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



37.9840, -5.4151, 57.0190



43.5570, -7.6696, 80.1955



58.4470, 21.9646, -45.1190



47.6090, -0.3002, 2.9739



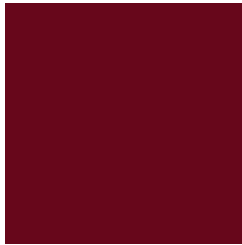
37.1210, -6.4687, 68.2999



78.0580, -13.8326, 143.7771

Previews

White Background



This preview shows how the YUV color 37.9840, -5.4151, 57.0190 looks on a white background.

Color Contrast Check

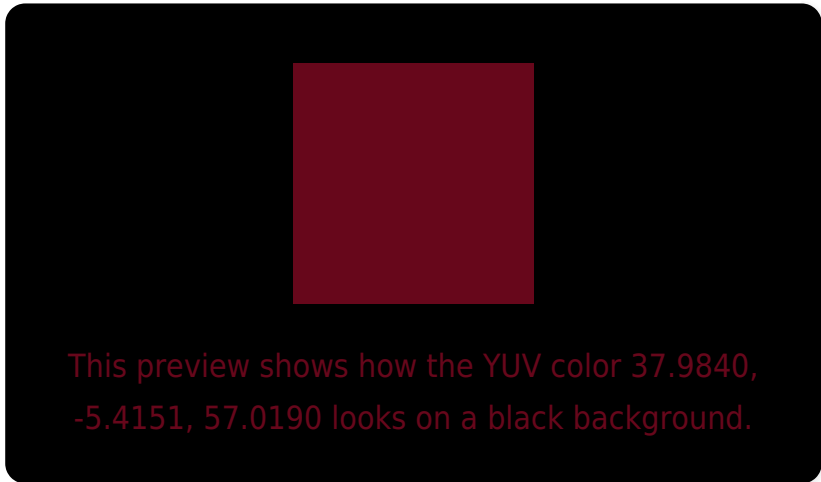
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.9840, -5.4151, 57.0190

Background



This preview shows how black text looks on a background with the YUV color 37.9840, -5.4151, 57.0190.

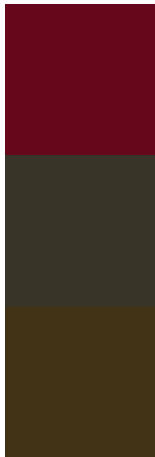


This preview shows how white text looks on a background with the YUV color 37.9840, -5.4151,

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

37.9840, -5.4151, 57.0190

Protanopia

51.8280, -5.8312, 3.6588

Deuteranopia

51.1790, -14.8782, 12.1210



Tritanopia

39.5680, -14.5770, 55.6299

Trichromacy



Original Color

37.9840, -5.4151, 57.0190

Protanomaly

46.9490, -5.8909, 22.8467

Deuteranomaly

46.2010, -11.4381, 28.7647

Tritanomaly

39.0780, -11.3775, 56.0596

Monochromacy



Original Color

37.9840, -5.4151, 57.0190

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.2630, -2.1017, 20.8173

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.9840, -5.4151, 57.0190 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(103, 7, 27)` looks like.

```
.text, #text, p{  
  color:rgb(103, 7, 27)  
}
```

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(103, 7, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 7, 27) }
```

Border

The CSS property to change the border of an element to YUV 37.9840, -5.4151, 57.0190 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(103, 7, 27) }
```


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

```
.border{ border-color:rgb(103, 7, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 7, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 7, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 7, 27);  
box-shadow:4px 4px 4px 4px rgb(103, 7, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.9840, -5.4151, 57.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 7, 27) }
```

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

```
.background{ background-color: rgb(103, 7,  
27) }
```

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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