

Converting Colors

YUV(51.0070, -6.9055, 68.3999)

Have a look what the booklet for
YUV(51.0070, -6.9055, 68.3999)
contains.

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Color

**YUV(51.0070, -6.9055,
68.3999)**

Conversions

Conversions Part 1

Format	Color
Hex	810E25
RGB	129, 14, 37
RGB Percent	51%, 5%, 15%
CMY	0.4941, 0.9451, 0.8549
CMYK	0.00, 0.89, 0.71, 0.49
HSL	348°, 80%, 28%
HSV	348°, 89%, 51%
XYZ	9.5442, 5.1148, 2.2345
YIQ	51.0070, 61.1570, 31.5330

Conversions

Conversions Part 2

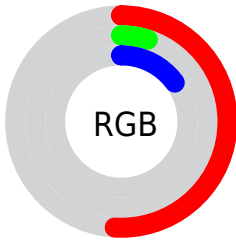
Format	Color
R_YB	129, 14, 37
Decimal	8457765
CIE Lab	27.06, 46.80, 19.48
CIE LCh	27, 50.694, 22.603
Yxy	5.1148, 0.5650, 0.3028
Android (android.graphics.Color)	4286647845 (0xFF810E25)
YUV	51.0070, -6.9055, 68.3999
Hunter-Lab	22.6159, 35.7518, 9.9732

Details

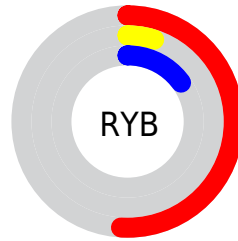
The YUV color **51.0070, -6.9055, 68.3999** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **91.9930, 6.9055, -68.3999**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.2970, -13.4574, 69.8995**, and **21.5280, -10.6133, 44.2639** is the 20% darker color. If you saturate the color by 10%, you get **42.2360, -7.5113, 76.0920**, and if you desaturate by 10%, it is **59.7780, -6.2996, 60.7077**.

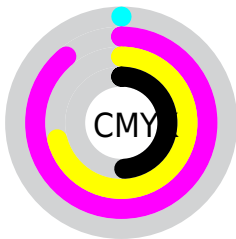
Distribution



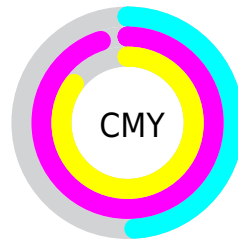
- Red (51%)
- Green (5%)
- Blue (15%)



- Red (51%)
- Yellow (5%)
- Blue (15%)



- Cyan (0%)
- Magenta (89%)
- Yellow (71%)
- Black (49%)



- Cyan (49%)
- Magenta (95%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.0070, -6.9055, 68.3999 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 51.0070, -6.9055, 68.3999 by changing the saturation by 10% instead.

■ 51.0070, -6.9055,
68.3999

■ 51.0070, -6.9055,
68.3999

255.0000, 0.0000,
0.0000

■ 31.8380, -7.3151,
59.7781

■ 108.2970,
-13.4574, 69.8995

■ 21.5280, -10.6133,
44.2639

■ 135.9660,
-14.7732, 71.9438

■ 13.9820, -5.9071,
28.0798

■ 163.6350,
-16.0891, 73.9881

■ 0.0000, 0.0000,
0.0000


■ 184.5410,
-13.5777, 61.7925


■ 204.0550, -9.8871,
44.6788


■ 223.5690, -6.1965,


27.5650


 243.7840, -2.3585,
9.8364


 51.0070, -6.9055,
68.3999


 51.0070, -6.9055,
68.3999


 42.2360, -7.5113,
76.0920


 59.7780, -6.2996,
60.7077

 41.5350, -7.6588,
76.7068

 68.6630, -5.2569,
52.9155

 77.4340, -4.6510,
45.2234

 86.2050, -4.0451,
37.5312

 94.5030, -2.7130,
30.2539

■ 103.2740, -2.1071,
22.5617

■ 112.0450, -1.5012,
14.8695

■ 120.9300, -0.4585,
7.0774

■ 129.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



50.3330, 12.1608, 66.3600



51.0070, -6.9055, 68.3999



57.5660, -28.3800, 49.4926

Triad

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



51.0070, -6.9055, 68.3999



46.2250, -18.3519, -40.5393



58.4520, 41.1892, -51.2624

Complementary

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



51.0070, -6.9055, 68.3999



91.9930, 6.9055, -68.3999

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.



60.1500, 32.4641, -52.7515



51.0070, -6.9055, 68.3999



53.0020, -0.0010, -46.4828

Square

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



51.0070, -6.9055, 68.3999



57.2250, -28.2119, -4.5823



57.5620, 17.4709, -50.4819



58.9330, 38.4870, -24.4972

Rectangle

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



51.0070, -6.9055, 68.3999



60.7010, -29.9256, 31.8342



57.5620, 17.4709, -50.4819



59.8710, 39.0106, -52.5069

Sweetspot

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



51.0070, -6.9055, 68.3999



137.4810, -2.7021, 26.7652



54.6180, 36.6703, 45.0620



65.7570, -1.3592, 15.9991



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



51.0070, -6.9055, 68.3999



54.1080, -9.9132, 99.8833



68.9300, -27.0805, 52.6814



59.3210, -0.1583, 4.1035



41.2360, -7.5113, 76.0920



0.0000, 0.0000, 0.0000

Inverse Universe

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



51.0070, -6.9055, 68.3999



54.1080, -9.9132, 99.8833



74.0700, 27.0805, -52.6814



59.3210, -0.1583, 4.1035



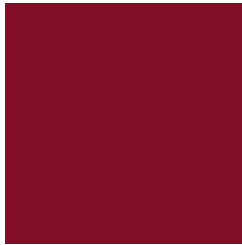
41.2360, -7.5113, 76.0920



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 51.0070, -6.9055, 68.3999 looks on a white background.

Color Contrast Check

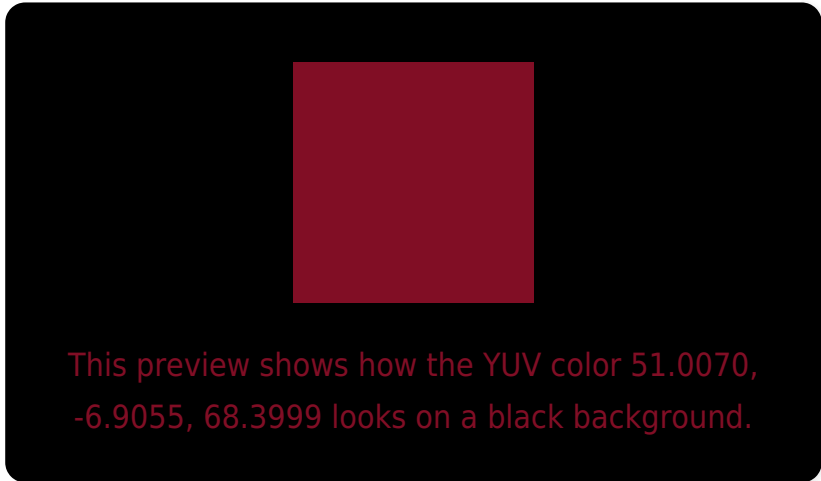
Large Text (above 18pt) WCAG AA ✓ Pass

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

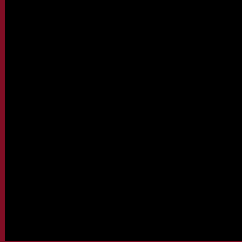
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.0070, -6.9055, 68.3999

Background



This preview shows how black text looks on a background with the YUV color 51.0070, -6.9055, 68.3999.



This preview shows how white text looks on a background with the YUV color 51.0070, -6.9055,

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

51.0070, -6.9055, 68.3999

Protanopia

65.8280, -5.8312, 3.6588

Deuteranopia

65.0330, -16.7783, 14.8801



Tritanopia

51.7760, -16.6516, 67.7254

Trichromacy



Original Color

51.0070, -6.9055, 68.3999

Protanomaly

60.2700, -6.0491, 26.9502

Deuteranomaly

59.7780, -13.2016, 34.3977

Tritanomaly

51.4000, -13.0152, 68.0552

Monochromacy



Original Color

51.0070, -6.9055, 68.3999

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.1710, -2.5493, 24.4060

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.0070, -6.9055, 68.3999 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(129, 14, 37)` looks like.

```
.text, #text, p{  
    color:rgb(129, 14, 37)  
}
```

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(129, 14, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 14, 37) }
```

Border

The CSS property to change the border of an element to YUV 51.0070, -6.9055, 68.3999 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(129, 14, 37) }
```


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

```
.border{ border-color:rgb(129, 14, 37) }
```

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

Here you see how a box with a 4 pixel rgb(129, 14, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 14, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 14, 37);  
box-shadow:4px 4px 4px 4px rgb(129, 14,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 51.0070, -6.9055, 68.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 14, 37) }
```

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

```
.background{ background-color: rgb(129, 14,  
37) }
```

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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