

Converting Colors

YUV(18.1030, 37.4172, -7.9833)

Have a look what the booklet for
YUV(18.1030, 37.4172, -7.9833)
contains.

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Color

**YUV(18.1030, 37.4172,
-7.9833)**

Conversions

Conversions Part 1

Format	Color
Hex	09085E
RGB	9, 8, 94
RGB Percent	4%, 3%, 37%
CMY	0.9647, 0.9686, 0.6314
CMYK	0.90, 0.91, 0.00, 0.63
HSL	241°, 84%, 20%
HSV	241°, 91%, 37%
XYZ	2.2199, 1.0399, 10.6734
YIQ	18.1030, -27.0100, 26.9580

Conversions

Conversions Part 2

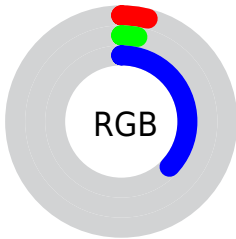
Format	Color
R_{YB}	9, 8, 94
Decimal	591966
CIE _{Lab}	9.32, 33.79, -48.56
CIE _{LCh}	9, 59.160, 304.828
Yxy	1.0399, 0.1593, 0.0746
Android (android.graphics.Color)	4278782046 (0xFF09085E)
YUV	18.1030, 37.4172, -7.9833
Hunter-Lab	10.1975, 21.0115, -54.9185

Details

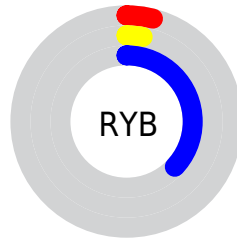
The YUV color **18.1030, 37.4172, -7.9833** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **83.8970, -37.4172, 7.9833**, and the grayscale version is **18.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.9950, 37.9635, 3.5124**, and **7.5920, 18.9351, -6.6582** is the 20% darker color. If you saturate the color by 10%, you get **11.0150, 40.9116, -8.7832**, and if you desaturate by 10%, it is **26.0770, 33.4860, -7.0835**.

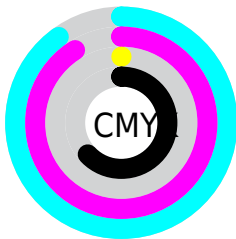
Distribution



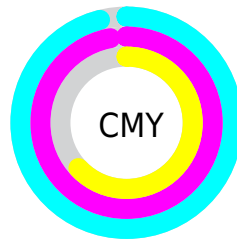
- Red (4%)
- Green (3%)
- Blue (37%)



- Red (4%)
- Yellow (3%)
- Blue (37%)



- Cyan (90%)
- Magenta (91%)
- Yellow (0%)
- Black (63%)



- Cyan (96%)
- Magenta (97%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.1030, 37.4172, -7.9833 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 18.1030, 37.4172, -7.9833 by changing the saturation by 10% instead.

■ 18.1030, 37.4172,
-7.9833

■ 18.1030, 37.4172,
-7.9833

■ 242.6730, 6.0772,
10.8108

■ 7.9800, 30.5759,
-6.9985

■ 68.9950, 37.9635,
3.5124

■ 7.5920, 18.9351,
-6.6582

■ 94.2340, 38.8316,
5.0568

■ 3.4370, 10.6306,
-3.0142

■ 119.4730, 39.6998,
6.6012

■ 0.0000, 0.0000,
0.0000

■ 145.8260, 41.0048,
8.0456

■ 172.4240, 40.7100,
9.2752

■ 196.9440, 28.6216,

13.2041

■ 222.0510, 16.2439,
16.6183

■ 18.1030, 37.4172,
-7.9833

■ 18.1030, 37.4172,
-7.9833

■ 11.0150, 40.9116,
-8.7832

■ 26.0770, 33.4860,
-7.0835

■ 34.9370, 29.1181,
-6.0837

■ 42.9110, 25.1869,
-5.1839

■ 51.4720, 20.9663,
-4.7989

■ 59.4460, 17.0351,
-3.8991

■ 67.7190, 12.9565,
-2.3846

■ 76.2800, 8.7360,
-1.9996

■ 84.2540, 4.8048,
-1.0998

■ 93.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



31.2100, 38.3505, -27.3712



18.1030, 37.4172, -7.9833



29.0800, 15.7366, 39.3948

Triad

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



18.1030, 37.4172, -7.9833



20.5760, -10.1440, 33.6978



26.5410, 2.6913, -23.2765

Complementary

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



18.1030, 37.4172, -7.9833



83.8970, -37.4172, 7.9833

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.



22.3060, -10.9969, -19.5624



18.1030, 37.4172, -7.9833



24.2210, -11.9410, 3.3142

Square

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



18.1030, 37.4172, -7.9833



23.9200, -11.7926, 49.1822



21.1320, -10.4181, -18.5328



32.2750, 19.5844, -28.3052

Rectangle

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



18.1030, 37.4172, -7.9833



29.7040, 2.6109, 49.3716



21.1320, -10.4181, -18.5328



24.2440, -3.5713, -21.2620

Sweetspot

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



18.1030, 37.4172, -7.9833



93.0610, 14.2669, -2.6845



68.2860, 12.6770, -52.8708



44.1660, 8.2992, -1.8996



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



18.1030, 37.4172, -7.9833



14.2070, 53.1419, -11.5825



30.6610, 31.2261, 17.8373



41.5700, 2.1840, -0.4999



12.8390, 47.9004, -10.3828



27.9150, 103.0789, -21.8505

Inverse Universe

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



43.4040, 24.4508, 44.3727



50.2720, 34.8689, 62.9055



71.3390, -31.2261, -17.8373



43.0650, 1.4470, 2.5740



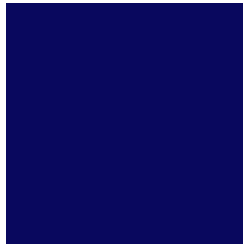
45.2020, 30.9594, 56.8278



97.5390, 67.2753, 122.3073

Previews

White Background



This preview shows how the YUV color 18.1030, 37.4172, -7.9833 looks on a white background.

Color Contrast Check

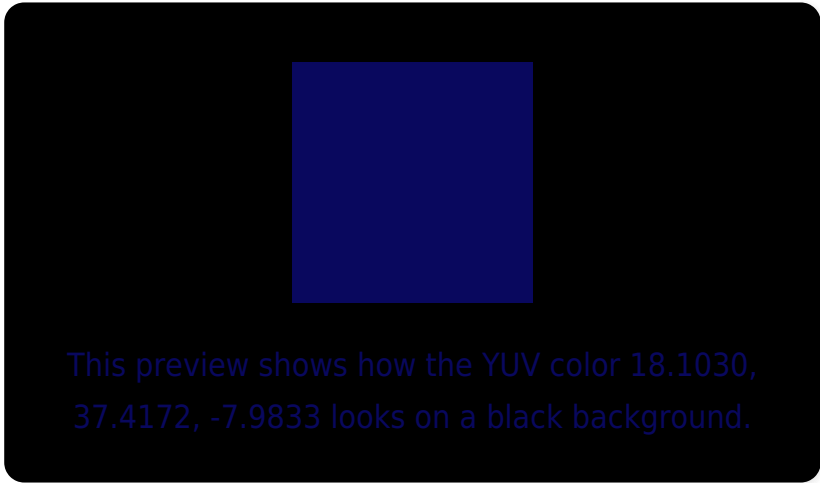
Large Text (above 18pt) WCAG AA ✓ Pass

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

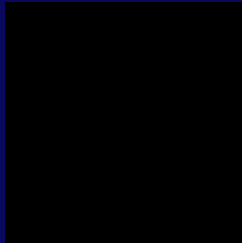
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.1030, 37.4172, -7.9833

Background



This preview shows how black text looks on a background with the YUV color 18.1030, 37.4172, -7.9833.



This preview shows how white text looks on a background with the YUV color 18.1030, 37.4172, -7.9833.

-7.9833.

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

18.1030, 37.4172, -7.9833

Protanopia

23.1620, 17.6681, -20.3131

Deuteranopia

23.3100, 13.1582, -20.4429



Tritanopia

22.6600, 5.5906, -19.8728

Trichromacy



Original Color

18.1030, 37.4172, -7.9833

Protanomaly

21.4320, 24.9300, -16.1649

Deuteranomaly

21.3350, 22.0198, -16.0798

Tritanomaly

20.7820, 17.3625, -15.5948

Monochromacy



Original Color

18.1030, 37.4172, -7.9833

Achromatopsia

18.0000, 0.0000, 0.0000

Achromatomaly

17.9470, 13.8301, -2.5845

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.1030, 37.4172, -7.9833 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(9, 8, 94)` looks like.

```
.text, #text, p{  
    color:rgb(9, 8, 94)  
}
```

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(9, 8, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 8, 94) }
```

Border

The CSS property to change the border of an element to YUV 18.1030, 37.4172, -7.9833 is called "border". The border property can be set on classes, ids or directly on the HTML element.

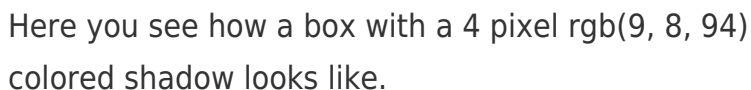
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(9, 8, 94) }
```


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

```
.border{ border-color:rgb(9, 8, 94) }
```

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



Here you see how a box with a 4 pixel `rgb(9, 8, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 8, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 8, 94); box-shadow:4px  
4px 4px 4px rgb(9, 8, 94) }
```

Background

The CSS property to change the background color of an element to YUV 18.1030, 37.4172, -7.9833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 8, 94) }
```

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

```
.background{ background-color: rgb(9, 8,  
94) }
```

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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