

Converting Colors

YUV(18.8090, -6.8078, 37.0015)

Have a look what the booklet for
YUV(18.8090, -6.8078, 37.0015)
contains.

YUV(18.8090, -6.8078, 37.0015)	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(18.8090, -6.8078,
37.0015)**

Conversions

Conversions Part 1

Format	Color
Hex	3D0005
RGB	61, 0, 5
RGB Percent	24%, 0%, 2%
CMY	0.7608, 1.0000, 0.9804
CMYK	0.00, 1.00, 0.92, 0.76
HSL	355°, 100%, 12%
HSV	355°, 100%, 24%
XYZ	1.9519, 1.0031, 0.2343
YIQ	18.8090, 34.7510, 14.4870

Conversions

Conversions Part 2

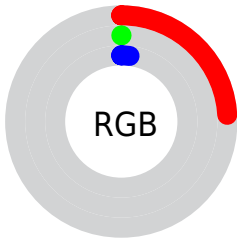
Format	Color
RYB	61, 0, 5
Decimal	3997701
CIELab	9.02, 29.09, 12.19
CIElCh	9, 31.543, 22.743
Yxy	1.0031, 0.6120, 0.3145
Android (android.graphics.Color)	4282187781 (0xFF3D0005)
YUV	18.8090, -6.8078, 37.0015
Hunter-Lab	10.0153, 17.2609, 5.6236

Details

The YUV color **18.8090, -6.8078, 37.0015** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **42.1910, 6.8078, -37.0015**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.7770, -8.2711, 39.6606**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.8090, -6.8078, 37.0015**, and if you desaturate by 10%, it is **23.0150, -5.9234, 33.3128**.

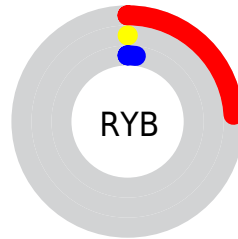
Distribution



Red (24%)

Green (0%)

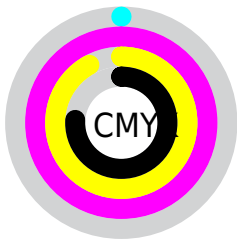
Blue (2%)



Red (24%)

Yellow (0%)

Blue (2%)

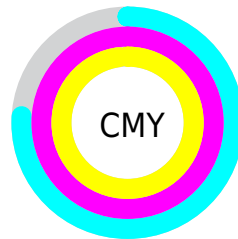


Cyan (0%)

Magenta (100%)

Yellow (92%)

Black (76%)



Cyan (76%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.8090, -6.8078, 37.0015 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 18.8090, -6.8078, 37.0015 by changing the saturation by 10% instead.

■ 18.8090, -6.8078,
37.0015

■ 18.8090, -6.8078,
37.0015

■ 238.0620, -3.9746,
14.8546

■ 11.4760, -5.1647,
23.2615

■ 67.7770, -8.2711,
39.6606

■ 0.0000, 0.0000,
0.0000

■ 92.4460, -9.5869,
41.7049

■ 117.6420,
-10.1765, 44.1640


■ 144.1260,
-10.9081, 45.4935


■ 171.0230,
-11.3503, 47.3378


■ 198.8060,


-12.2294, 49.2821


 218.4340, -8.1020,
32.0684


 18.8090, -6.8078,
37.0015

 23.0150, -5.9234,
33.3128

 27.1070, -5.4758,
29.7242

 31.3130, -4.5913,
26.0355

 35.4050, -4.1437,
22.4468

 40.1980, -3.5486,
18.2434

■ 44.4040, -2.6642,
14.5547

■ 48.4960, -2.2165,
10.9660

■ 52.7020, -1.3321,
7.2773

■ 56.7940, -0.8844,
3.6887

Harmonies

Analogous

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



21.2890, 5.2805, 33.0725



18.8090, -6.8078, 37.0015



22.8910, -11.2853, 26.4056

Triad

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



18.8090, -6.8078, 37.0015



19.3710, -9.5499, -16.9884



25.3620, 21.0205, -22.2425

Complementary

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



18.8090, -6.8078, 37.0015



42.1910, 6.8078, -37.0015

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.



26.6840, 15.9318, -23.4019



18.8090, -6.8078, 37.0015



23.2980, -2.1189, -20.4323

Square

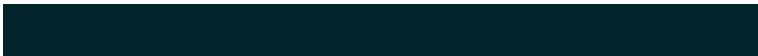
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.8090, -6.8078, 37.0015



22.1060, -10.8983, -4.4780



25.8060, 7.4906, -22.6319



21.8190, 21.2882, -14.7503

Rectangle

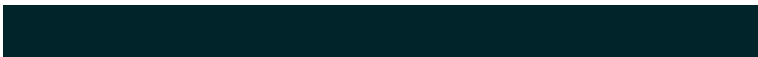
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.8090, -6.8078, 37.0015



24.5970, -12.1263, 16.1394



25.8060, 7.4906, -22.6319



25.7210, 19.8575, -22.5573

Sweetspot

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



18.8090, -6.8078, 37.0015



62.4040, -2.6642, 14.5547



23.6980, 18.3899, 28.3289



30.5990, -1.7743, 9.1217



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



18.8090, -6.8078, 37.0015



24.3050, -9.0244, 47.9675



32.9140, -16.2266, 24.6314



28.8970, -0.4422, 1.8443



29.0180, -10.3619, 56.9892



68.4300, -24.8620, 134.6809

Inverse Universe

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



18.8090, -6.8078, 37.0015



24.3050, -9.0244, 47.9675



28.0860, 16.2266, -24.6314



28.8970, -0.4422, 1.8443



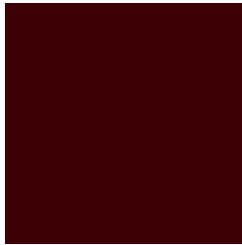
29.0180, -10.3619, 56.9892



68.4300, -24.8620, 134.6809

Previews

White Background



This preview shows how the YUV color 18.8090, -6.8078, 37.0015 looks on a white background.

Color Contrast Check

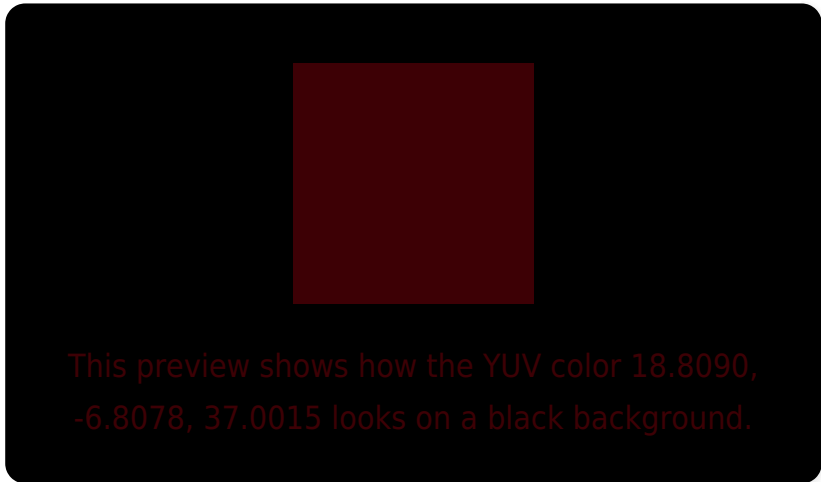
Large Text (above 18pt) WCAG AA ✓ Pass

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

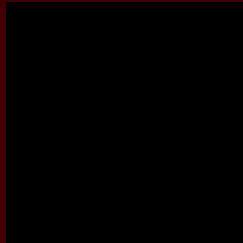
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.8090, -6.8078, 37.0015

Background



This preview shows how black text looks on a background with the YUV color 18.8090, -6.8078, 37.0015.

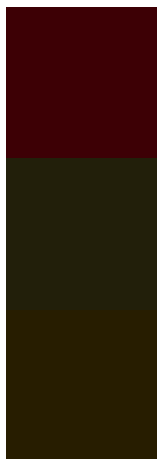


This preview shows how white text looks on a background with the YUV color 18.8090, -6.8078,

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

18.8090, -6.8078, 37.0015

Protanopia

29.5030, -9.6150, 3.9439

Deuteranopia

28.6840, -14.1412, 9.0471



Tritanopia

21.7610, -10.7282, 34.4126

Trichromacy



Original Color

18.8090, -6.8078, 37.0015

Protanomaly

25.8080, -8.7793, 15.9544

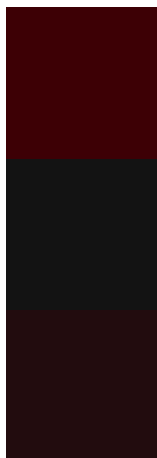
Deuteranomaly

24.8470, -11.2636, 19.4282

Tritanomaly

20.8150, -9.2758, 35.2422

Monochromacy



Original Color

18.8090, -6.8078, 37.0015

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

18.8060, -2.3694, 13.3251

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.8090, -6.8078, 37.0015 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(61, 0, 5)` looks like.

```
.text, #text, p{  
    color:rgb(61, 0, 5)  
}
```

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(61, 0, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 0, 5) }
```

Border

The CSS property to change the border of an element to YUV 18.8090, -6.8078, 37.0015 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(61, 0, 5) }
```


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

```
.border{ border-color:rgb(61, 0, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 0, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 0, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(61, 0, 5); box-shadow:4px  
4px 4px 4px rgb(61, 0, 5) }
```

Background

The CSS property to change the background color of an element to YUV 18.8090, -6.8078, 37.0015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 0, 5) }
```

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

```
.background{ background-color: rgb(61, 0,  
5) }
```

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