

# Converting Colors

YUV(16.6090, -3.7512, -10.1811)

Have a look what the booklet for  
YUV(16.6090, -3.7512, -10.1811)  
contains.

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# Color

**YUV(16.6090, -3.7512,  
-10.1811)**

# Conversions

## Conversions Part 1

Format	Color
Hex	051809
RGB	5, 24, 9
RGB Percent	2%, 9%, 4%
CMY	0.9804, 0.9059, 0.9647
CMYK	0.79, 0.00, 0.63, 0.91
HSL	133°, 66%, 6%
HSV	133°, 79%, 9%
XYZ	0.4385, 0.7053, 0.3715
YIQ	16.6090, -6.5090, -8.6930

# Conversions

## Conversions Part 2

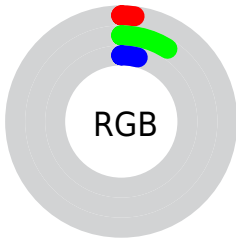
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">5, 21, 24</a>
Decimal	<a href="#">333833</a>
CIELab	<a href="#">6.37, -9.50, 5.67</a>
CIELCh	<a href="#">6, 11.060, 149.155</a>
Yxy	<a href="#">0.7053, 0.2894, 0.4654</a>
Android (android.graphics.Color)	<a href="#">4278523913 (0xFF051809)</a>
YUV	<a href="#">16.6090, -3.7512, -10.1811</a>
Hunter-Lab	<a href="#">8.3980, -5.3754, 3.2560</a>

# Details

The YUV color **16.6090, -3.7512, -10.1811** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **12.3910, 3.7512, 10.1811**, and the grayscale version is **17.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **59.8480, -2.8831, -8.6367**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **15.7830, -4.3300, -11.2107**, and if you desaturate by 10%, it is **17.4350, -3.1725, -9.1515**.

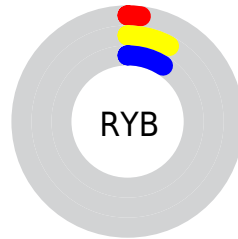
# Distribution



Red (2%)

Green (9%)

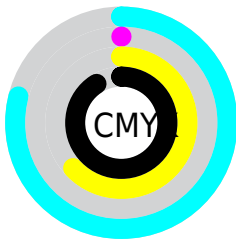
Blue (4%)



Red (2%)

Yellow (8%)

Blue (9%)

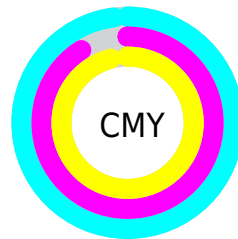


Cyan (79%)

Magenta (0%)

Yellow (63%)

Black (91%)



Cyan (98%)

Magenta (91%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 16.6090, -3.7512, -10.1811 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 16.6090, -3.7512, -10.1811 by changing the saturation by 10% instead.



■ 16.6090, -3.7512,  
-10.1811

■ 16.6090, -3.7512,  
-10.1811

■ 242.0820, -4.4774,  
-10.5959

■ 0.0000, 0.0000,  
0.0000

■ 59.8480, -2.8831,  
-8.6367

■ 83.3210, -3.6093,  
-9.0515

■ 107.3210, -3.6093,  
-9.0515

■ 132.9080, -3.8986,  
-9.5663

■ 158.9080, -3.8986,  
-9.5663

■ 185.6090, -3.7512,

-10.1811

■ 213.4950, -4.1880,  
-10.0811

■ 16.6090, -3.7512,  
-10.1811

■ 16.6090, -3.7512,  
-10.1811

■ 15.7830, -4.3300,  
-11.2107

■ 17.4350, -3.1725,  
-9.1515

■ 14.6580, -4.7614,  
-12.8551

■ 18.5600, -2.7411,  
-7.5071

■ 19.3860, -2.1623,  
-6.4775

■ 20.5110, -1.7309,  
-4.8331

■ 21.2230, -1.5889,  
-3.7036

■ 22.0490, -1.0102,  
-2.6740

■ 23.1740, -0.5788,  
-1.0296

■ 24.0000, 0.0000,  
0.0000

■ 25.1250, 0.4314,  
1.6444

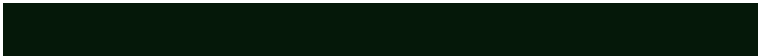
# Harmonies

## Analogous

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



18.2960, -9.0199, -0.2596



16.6090, -3.7512, -10.1811



16.9550, 1.5012, -14.8695

# Triad

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



16.6090, -3.7512, -10.1811



18.7090, 8.0315, -9.3918



20.5240, -4.6953, 12.6955

# Complementary

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



16.6090, -3.7512, -10.1811



12.3910, 3.7512, 10.1811

# 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.



20.7780, 0.1094, 11.5957



16.6090, -3.7512, -10.1811



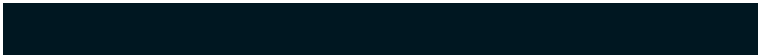
20.6070, 6.1097, 0.3447

# Square

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



16.6090, -3.7512, -10.1811



17.2630, 7.7583, -15.1397



20.6680, 3.6147, 7.3072



19.8460, -9.7841, 11.5361

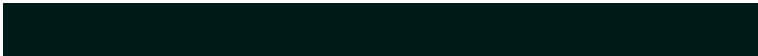


# Rectangle

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



16.6090, -3.7512, -10.1811



17.5250, 3.6852, -15.3694



20.6680, 3.6147, 7.3072



20.2790, -3.0955, 12.9103

# Sweetspot

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



16.6090, -3.7512, -10.1811



27.9240, -1.4415, -4.3183



20.6380, -7.7095, -0.5595



13.4620, -0.7208, -2.1592



143.0000, 0.0000, 0.0000



15.0000, 0.0000, 0.0000



# Same Dimension

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



16.6090, -3.7512, -10.1811



19.7070, -5.7716, -15.5290



17.6350, 0.1799, -11.0809



12.2880, -0.1420, -1.1296



47.0230, -15.2943, -41.2392



124.6500, -40.2534, -109.3180



# Inverse Universe

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



12.3910, 3.7512, 10.1811



13.1790, 5.3348, 15.6290



11.3650, -0.1799, 11.0809



11.7120, 0.1420, 1.1296



29.8630, 14.8575, 41.3391

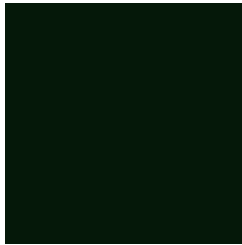


79.3500, 40.2535, 109.3180



# Previews

## White Background



This preview shows how the YUV color 16.6090, -3.7512, -10.1811 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

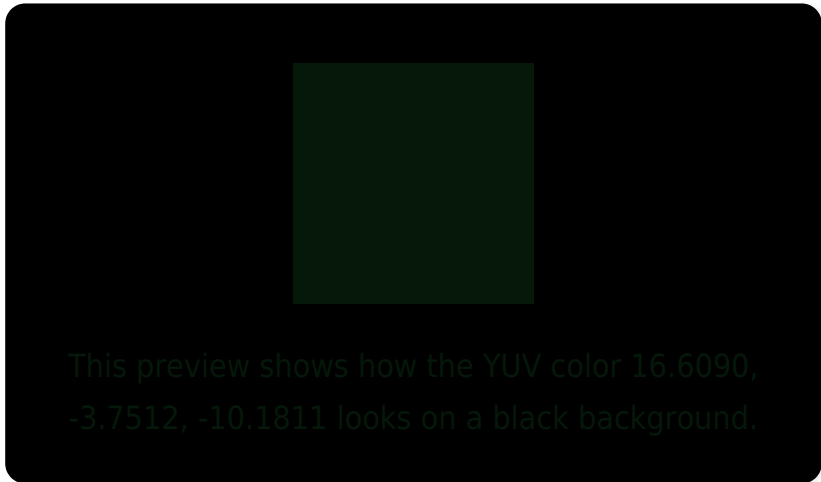
Any Text WCAG AA ✓ Pass

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

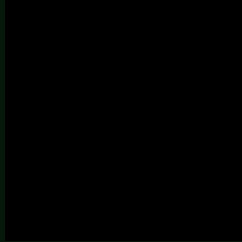
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 16.6090, -3.7512, -10.1811

## Background



This preview shows how black text looks on a background with the YUV color 16.6090, -3.7512, -10.1811.



This preview shows how white text looks on a background with the YUV color 16.6090, -3.7512,

-10.1811.

# 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

16.6090, -3.7512, -10.1811

### Protanopia

20.1160, -5.9732, 2.5293

### Deuteranopia

20.3550, -5.1050, 4.0737



**Tritanopia**

18.9390, 2.4951, -6.9625

# Trichromacy



## Original Color

16.6090, -3.7512, -10.1811

## Protanomaly

18.6100, -5.2307, -2.2890

## Deuteranomaly

18.8490, -4.3626, -0.7446

## Tritanomaly

18.3580, 0.3165, -8.2070

# Monochromacy



## Original Color

16.6090, -3.7512, -10.1811

## Achromatopsia

17.0000, 0.0000, 0.0000

## Achromatomaly

17.2230, -1.5889, -3.7036

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 16.6090, -3.7512, -10.1811 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(5, 24, 9)` looks like.

```
.text, #text, p{  
    color:rgb(5, 24, 9)  
}
```

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(5, 24, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 24, 9) }
```

## Border

The CSS property to change the border of an element to YUV 16.6090, -3.7512, -10.1811 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(5, 24, 9) }
```



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

```
.border{ border-color:rgb(5, 24, 9) }
```

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

Here you see how a box with a 4 pixel rgb(5, 24, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 24, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 24, 9); box-shadow:4px  
4px 4px 4px rgb(5, 24, 9) }
```

# Background

The CSS property to change the background color of an element to YUV 16.6090, -3.7512, -10.1811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 24, 9) }
```

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

```
.background{ background-color: rgb(5, 24,  
9) }
```

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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