

# Converting Colors

YUV(104.6130, -36.7842,  
-8.4306)

Have a look what the booklet for  
YUV(104.6130, -36.7842, -8.4306)  
contains.

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# Color

**YUV(104.6130, -36.7842,  
-8.4306)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F7C1E
RGB	95, 124, 30
RGB Percent	37%, 49%, 12%
CMY	0.6275, 0.5137, 0.8824
CMYK	0.23, 0.00, 0.76, 0.51
HSL	79°, 61%, 30%
HSV	79°, 76%, 49%
XYZ	12.1613, 16.9419, 3.8574
YIQ	104.6130, 12.8900, -35.3820

# Conversions

## Conversions Part 2

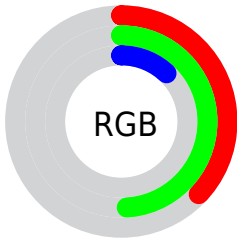
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 124, 59
Decimal	6257694
CIE Lab	48.19, -24.72, 44.98
CIE LCh	48, 51.323, 118.788
Yxy	16.9419, 0.3690, 0.5140
Android (android.graphics.Color)	4284447774 (0xFF5F7C1E)
YUV	104.6130, -36.7842, -8.4306
Hunter-Lab	41.1606, -19.2914, 23.2559

# Details

The YUV color **104.6130, -36.7842, -8.4306** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **49.3870, 36.7842, 8.4306**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.3850, -37.6578, -8.2306**, and **57.4800, -28.3376, -10.9450** is the 20% darker color. If you saturate the color by 10%, you get **102.0490, -41.4362, -9.6900**, and if you desaturate by 10%, it is **107.1770, -32.1323, -7.1712**.

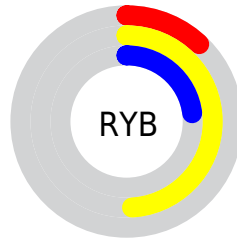
# Distribution



Red (37%)

Green (49%)

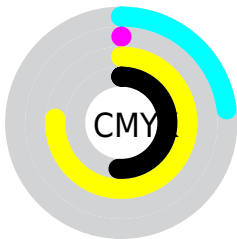
Blue (12%)



Red (12%)

Yellow (49%)

Blue (23%)

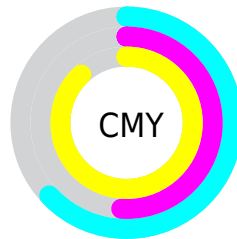


Cyan (23%)

Magenta (0%)

Yellow (76%)

Black (51%)



Cyan (63%)

Magenta (51%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 104.6130, -36.7842, -8.4306 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 104.6130, -36.7842, -8.4306 by changing the saturation by 10% instead.



■ 104.6130,  
-36.7842, -8.4306

■ 104.6130,  
-36.7842, -8.4306

255.0000, 0.0000,  
0.0000

■ 78.7440, -38.8208,  
-8.5455

■ 157.3850,  
-37.6578, -8.2306

■ 57.4800, -28.3376,  
-10.9450

■ 184.5700,  
-38.2420, -7.5159

■ 35.9060, -17.7017,  
-15.7036

■ 212.3420,  
-39.1156, -7.3159

■ 18.7840, -9.2605,  
-16.4736

■ 237.5920,  
-38.2529, -4.0272

■ 0.0000, 0.0000,  
0.0000

■ 247.3620,  
-29.2655, 6.6985

■ 250.5540,

-17.0351, 3.8991

253.8600, -4.3680,  
0.9998

104.6130,  
-36.7842, -8.4306

104.6130,  
-36.7842, -8.4306

102.0490,  
-41.4362, -9.6900

107.1770,  
-32.1323, -7.1712

99.3710, -46.5249,  
-10.8494

109.8550,  
-27.0435, -6.0118

98.5020, -48.5615,  
-10.9643

112.1200,  
-22.2442, -5.3672

114.7980,  
-17.1554, -4.2078

117.3620,  
-12.5035, -2.9485

■ 119.9260, -7.8515,  
-1.6891

■ 122.6040, -2.7628,  
-0.5297

■ 125.1680, 1.8892,  
0.7297

■ 127.5470, 7.1253,  
1.2743

# Harmonies

## Analogous

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



108.7160, -46.2020, 25.6821



104.6130, -36.7842, -8.4306



92.3090, -12.4773, -58.1530

# Triad

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



104.6130, -36.7842, -8.4306



97.7420, 44.4972, -85.7197



113.1130, 2.4093, 67.4299

# Complementary

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



104.6130, -36.7842, -8.4306



49.3870, 36.7842, 8.4306

# 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.



116.8830, 21.2567, 42.1986



104.6130, -36.7842, -8.4306



93.3540, 53.0695, -81.8715

# Square

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



104.6130, -36.7842, -8.4306



96.3280, 28.9253, -84.4797



116.0110, 36.9696, -4.3946



111.1460, -17.8200, 69.1550



# Rectangle

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



104.6130, -36.7842, -8.4306



89.6020, 3.1542, -78.5810



116.0110, 36.9696, -4.3946



114.2030, 9.2669, 61.2120

# Sweetspot

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



104.6130, -36.7842, -8.4306



153.1940, -14.3926, -3.6781



74.5420, -21.9592, 43.3747



77.2850, -9.0145, -2.0039



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



104.6130, -36.7842, -8.4306



130.7870, -57.5760, -12.9682



90.8590, -30.0035, -36.7103



59.7180, -2.3260, -0.6297



99.0890, -48.8509, -11.4791



200.2490, -98.7228, -22.1434



# Inverse Universe

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



49.3870, 36.7842, 8.4306



44.5120, 57.4286, 13.5830



63.1410, 30.0035, 36.7103



56.2820, 2.3260, 0.6297



25.9110, 48.8509, 11.4791



52.0500, 98.5754, 22.7582



# Previews

## White Background



This preview shows how the YUV color 104.6130, -36.7842, -8.4306 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 × Fail



# Black Background



This preview shows how the YUV color 104.6130, -36.7842, -8.4306 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

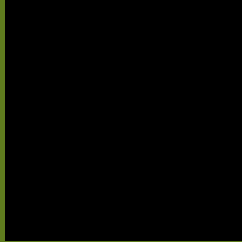
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 104.6130, -36.7842, -8.4306

## Background



This preview shows how black text looks on a background with the YUV color 104.6130, -36.7842, -8.4306.



This preview shows how white text looks on a background with the YUV color 104.6130, -36.7842, -8.4306.

-8.4306.

# 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

104.6130, -36.7842, -8.4306

### Protanopia

108.3820, -39.6283, 17.2050

### Deuteranopia

110.3710, -36.1719, 28.6156



**Tritanopia**

113.7370, 5.5527, -7.6623

# Trichromacy



## Original Color

104.6130, -36.7842, -8.4306

## Protanomaly

107.2560, -38.5802, 7.6685

## Deuteranomaly

108.4680, -36.7127, 15.3756

## Tritanomaly

110.3120, -10.0138, -8.1666

# Monochromacy



## Original Color

104.6130, -36.7842, -8.4306

## Achromatopsia

105.0000, 0.0000, 0.0000

## Achromatomaly

104.8350, -13.2297, -3.3633

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.6130, -36.7842, -8.4306 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(95, 124, 30)` looks like.

```
.text, #text, p{  
    color:rgb(95, 124, 30)  
}
```

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(95, 124, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 124, 30) }
```

## Border

The CSS property to change the border of an element to YUV 104.6130, -36.7842, -8.4306 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(95, 124, 30) }
```



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

```
.border{ border-color:rgb(95, 124, 30) }
```

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

Here you see how a box with a 4 pixel rgb(95, 124, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 124, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 124, 30);  
box-shadow:4px 4px 4px 4px rgb(95, 124,  
30) }
```

# Background

The CSS property to change the background color of an element to YUV 104.6130, -36.7842, -8.4306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 124, 30) }
```

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

```
.background{ background-color: rgb(95, 124,  
30) }
```

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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