

# Converting Colors

YUV(74.3260, -31.7127,  
-48.5209)

Have a look what the booklet for  
YUV(74.3260, -31.7127, -48.5209)  
contains.

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# Color

**YUV(74.3260, -31.7127,  
-48.5209)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	13730A
RGB	19, 115, 10
RGB Percent	7%, 45%, 4%
CMY	0.9255, 0.5490, 0.9608
CMYK	0.83, 0.00, 0.91, 0.55
HSL	115°, 84%, 25%
HSV	115°, 91%, 45%
XYZ	6.4541, 12.4218, 2.3446
YIQ	74.3260, -23.5110, -53.0070

# Conversions

## Conversions Part 2

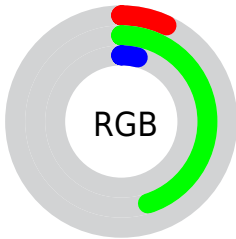
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 115, 106
Decimal	1274634
CIELab	41.88, -45.49, 44.15
CIELCh	42, 63.392, 135.858
Yxy	12.4218, 0.3041, 0.5854
Android (android.graphics.Color)	4279464714 (0xFF13730A)
YUV	74.3260, -31.7127, -48.5209
Hunter-Lab	35.2446, -28.9907, 20.7270

# Details

The YUV color **74.3260, -31.7127, -48.5209** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **50.6740, 31.7127, 48.5209**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.9570, -32.0238, -42.0583**, and **38.1550, -18.8104, -33.4619** is the 20% darker color. If you saturate the color by 10%, you get **70.4950, -34.7540, -53.0541**, and if you desaturate by 10%, it is **78.9830, -28.0926, -42.9581**.

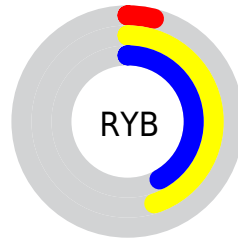
# Distribution



Red (7%)

Green (45%)

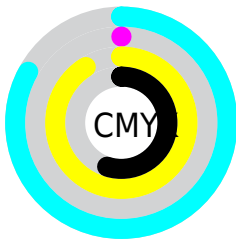
Blue (4%)



Red (4%)

Yellow (45%)

Blue (42%)

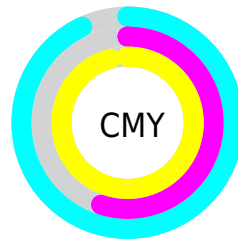


Cyan (83%)

Magenta (0%)

Yellow (91%)

Black (55%)



Cyan (93%)

Magenta (55%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 74.3260, -31.7127, -48.5209 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 74.3260, -31.7127, -48.5209 by changing the saturation by 10% instead.



■ 74.3260, -31.7127,  
-48.5209

■ 74.3260, -31.7127,  
-48.5209

255.0000, 0.0000,  
0.0000

■ 52.8300, -26.0452,  
-46.3319

■ 130.9570,  
-32.0238, -42.0583

■ 38.1550, -18.8104,  
-33.4619

■ 158.6150,  
-33.3342, -41.7584

■ 25.8280, -12.7332,  
-22.6512

■ 186.3870,  
-34.2078, -41.5584

■ 7.6310, -3.7621,  
-6.6924


■ 215.1590,  
-35.0814, -41.3584


■ 0.0000, 0.0000,  
0.0000


■ 227.7830,  
-27.9940, -27.8737


■ 239.6460,


-20.0385, -12.8445


 251.8080,  
-12.2303, 2.7994


 74.3260, -31.7127,  
-48.5209


 74.3260, -31.7127,  
-48.5209


 70.4950, -34.7540,  
-53.0541

 78.9830, -28.0926,  
-42.9581

 83.2270, -24.7619,  
-37.9101

 87.8840, -21.1418,  
-32.3473

 92.1280, -17.8111,  
-27.2993

 96.7850, -14.1910,  
-21.7364

■ 101.0290,  
-10.8603, -16.6884

■ 105.6860, -7.2402,  
-11.1256

■ 109.9300, -3.9095,  
-6.0776

■ 114.5870, -0.2894,  
-0.5148

# Harmonies

## Analogous

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



90.0400, -44.3897, 4.3499



74.3260, -31.7127, -48.5209



78.5340, -3.7143, -68.8743

# Triad

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



74.3260, -31.7127, -48.5209



88.6580, 55.3846, -77.7531



84.9050, -5.3762, 91.2913

# Complementary

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



74.3260, -31.7127, -48.5209



50.6740, 31.7127, 48.5209

# 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.



90.4790, 17.5119, 76.7559



74.3260, -31.7127, -48.5209



79.1520, 59.5781, -69.4163

# Square

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



74.3260, -31.7127, -48.5209



90.1620, 40.8391, -79.0721



100.7640, 35.1193, 29.1480



90.4550, -33.2553, 73.2690



# Rectangle

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



74.3260, -31.7127, -48.5209



83.3390, 12.1579, -73.0883



100.7640, 35.1193, 29.1480



84.4950, 3.2070, 91.6509

# Sweetspot

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



74.3260, -31.7127, -48.5209



134.3770, -12.0179, -18.7476



97.1600, -42.9699, 15.6457



67.2730, -7.5296, -11.6404



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



74.3260, -31.7127, -48.5209



91.9370, -45.3249, -69.2277



76.4230, -12.0405, -58.2530



56.5220, -1.7363, -3.0888



74.6040, -36.7798, -56.6577



153.0290, -75.4433, -115.7894



# Inverse Universe

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



50.6740, 31.7127, 48.5209



58.3620, 45.1775, 69.8425



48.5770, 12.0405, 58.2530



55.1790, 1.8838, 2.4740



47.3960, 36.7798, 56.6577

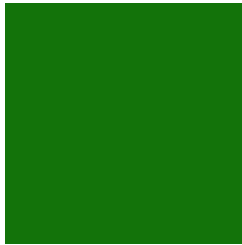


96.6720, 75.5907, 115.1747



# Previews

## White Background



This preview shows how the YUV color 74.3260, -31.7127, -48.5209 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



## 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 74.3260, -31.7127, -48.5209

## Background



This preview shows how black text looks on a background with the YUV color 74.3260, -31.7127, -48.5209.



This preview shows how white text looks on a background with the YUV color 74.3260, -31.7127, -48.5209.

-48.5209.

# 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

74.3260, -31.7127, -48.5209

### Protanopia

91.3020, -45.0119, 17.2751

### Deuteranopia

94.6310, -33.8351, 25.7566



## Tritanopia

91.2820, 12.1860, -35.3273

# Trichromacy



## Original Color

74.3260, -31.7127, -48.5209

## Protanomaly

85.4130, -40.1366, -6.5012

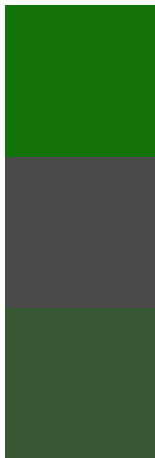
## Deuteranomaly

87.2810, -33.1695, -1.1234

## Tritanomaly

85.0090, -3.9484, -40.3499

# Monochromacy



## Original Color

74.3260, -31.7127, -48.5209

## Achromatopsia

74.0000, 0.0000, 0.0000

## Achromatomaly

74.2030, -11.4391, -17.7180

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 74.3260, -31.7127, -48.5209 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(19, 115, 10)` looks like.

```
.text, #text, p{  
    color:rgb(19, 115, 10)  
}
```

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(19, 115, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 115, 10) }
```

## Border

The CSS property to change the border of an element to YUV 74.3260, -31.7127, -48.5209 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(19, 115, 10) }
```



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

```
.border{ border-color:rgb(19, 115, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 115, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 115, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 115, 10);  
box-shadow:4px 4px 4px 4px rgb(19, 115,  
10) }
```

# Background

The CSS property to change the background color of an element to YUV 74.3260, -31.7127, -48.5209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 115, 10) }
```

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

```
.background{ background-color: rgb(19, 115,  
10) }
```

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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