

# Converting Colors

YUV(106.7260, -37.8259,  
45.8443)

Have a look what the booklet for  
YUV(106.7260, -37.8259, 45.8443)  
contains.

<b>YUV(106.7260, -37.8259, 45.8443)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(106.7260, -37.8259,  
45.8443)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F5F1E
RGB	159, 95, 30
RGB Percent	62%, 37%, 12%
CMY	0.3765, 0.6275, 0.8824
CMYK	0.00, 0.40, 0.81, 0.38
HSL	30°, 68%, 37%
HSV	30°, 81%, 62%
XYZ	18.6246, 15.6491, 3.2672
YIQ	106.7260, 59.0090, -6.6470

# Conversions

## Conversions Part 2

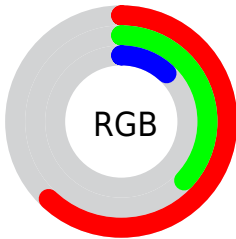
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 159, 30
Decimal	10444574
CIE Lab	46.51, 20.97, 45.63
CIE LCh	47, 50.217, 65.314
Yxy	15.6491, 0.4961, 0.4169
Android (android.graphics.Color)	4288634654 (0xFF9F5F1E)
YUV	106.7260, -37.8259, 45.8443
Hunter-Lab	39.5589, 14.8110, 22.7944

# Details

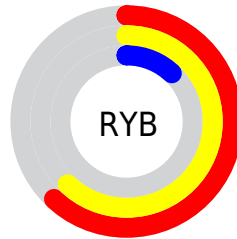
The YUV color **106.7260, -37.8259, 45.8443** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **82.2740, 37.8259, -45.8443**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.8900, -39.8788, 50.9625**, and **58.6740, -28.9263, 37.9969** is the 20% darker color. If you saturate the color by 10%, you get **100.2060, -42.4996, 51.5623**, and if you desaturate by 10%, it is **113.2460, -33.1523, 40.1263**.

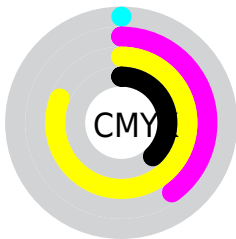
# Distribution



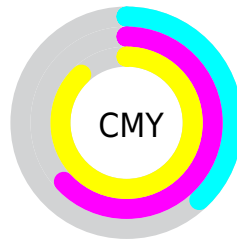
- Red (62%)
- Green (37%)
- Blue (12%)



- Red (62%)
- Yellow (62%)
- Blue (12%)



- Cyan (0%)
- Magenta (40%)
- Yellow (81%)
- Black (38%)



- Cyan (38%)
- Magenta (63%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 106.7260, -37.8259, 45.8443 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 106.7260, -37.8259, 45.8443 by changing the saturation by 10% instead.



■ 106.7260,  
-37.8259, 45.8443

■ 106.7260,  
-37.8259, 45.8443

255.0000, 0.0000,  
0.0000

■ 80.7750, -38.8361,  
43.1703

■ 159.8900,  
-39.8788, 50.9625

■ 58.6740, -28.9263,  
37.9969

■ 187.0860,  
-40.4684, 53.4216

■ 37.3880, -18.4323,  
32.1087

■ 208.5790,  
-38.2464, 40.7112

■ 17.2870, -8.5225,  
26.9353

■ 227.9790,  
-34.9926, 23.6974

■ 4.4850, -2.2111,  
9.2217

■ 247.0200,  
-30.5759, 6.9985

■ 0.0000, 0.0000,  
0.0000

■ 250.2120,

-18.3455, 4.1991

253.4040, -6.1152,  
1.3997

106.7260,  
-37.8259, 45.8443

106.7260,  
-37.8259, 45.8443

100.2060,  
-42.4996, 51.5623

113.2460,  
-33.1523, 40.1263

94.5010, -46.5890,  
56.5656

119.7660,  
-28.4786, 34.4082

126.2860,  
-23.8050, 28.6902

132.8060,  
-19.1314, 22.9721

138.7390,  
-14.1683, 17.7689

■ 145.1450, -9.9315,  
12.1508

■ 151.6650, -5.2578,  
6.4328

■ 158.1850, -0.5842,  
0.7148

■ 164.7050, 4.0894,  
-5.0033

# Harmonies

## Analogous

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



107.2010, -21.2981, 64.7217



106.7260, -37.8259, 45.8443



103.9000, -45.3067, 18.5047

# Triad

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



106.7260, -37.8259, 45.8443



89.6480, 13.4845, -78.6213



112.9370, 32.5691, 7.0713

# Complementary

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



106.7260, -37.8259, 45.8443



82.2740, 37.8259, -45.8443

# 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.



88.7460, 51.8902, -76.9532



106.7260, -37.8259, 45.8443



93.7350, 31.6826, -82.2056

# Square

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



106.7260, -37.8259, 45.8443



83.4580, -5.1558, -73.1927



93.9920, 45.3599, -82.4310



111.7760, 16.8724, 48.4314



# Rectangle

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



106.7260, -37.8259, 45.8443



101.1190, -37.5267, -3.6124



93.9920, 45.3599, -82.4310



110.4940, 37.7175, -10.9572

# Sweetspot

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



106.7260, -37.8259, 45.8443



186.6250, -14.6051, 17.8689



75.9810, 9.3764, 72.8077



92.6610, -9.1999, 10.8213



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



106.7260, -37.8259, 45.8443



125.3860, -58.8573, 71.5755



144.2940, -56.3469, 12.8972



75.7400, -2.3368, 2.8590



85.0210, -41.9154, 50.8476



9.1810, -4.5262, 5.1033



# Inverse Universe

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



82.2740, 37.8259, -45.8443



87.6140, 58.8573, -71.5755



44.7060, 56.3469, -12.8972



74.2600, 2.3368, -2.8590



57.9790, 41.9154, -50.8476



6.4060, 4.2368, -5.6181



# Previews

## White Background



This preview shows how the YUV color 106.7260, -37.8259, 45.8443 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 106.7260, -37.8259, 45.8443 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 106.7260, -37.8259, 45.8443

## Background



This preview shows how black text looks on a background with the YUV color 106.7260, -37.8259, 45.8443.



This preview shows how white text looks on a background with the YUV color 106.7260, -37.8259, 45.8443.

45.8443.

# 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

106.7260, -37.8259, 45.8443

### Protanopia

106.1090, -35.5497, 15.6904

### Deuteranopia

106.1600, -39.5189, 28.8007



## Tritanopia

111.5110, -8.1399, 44.2789

# Trichromacy



## Original Color

106.7260, -37.8259, 45.8443

## Protanomaly

106.3600, -36.1665, 26.8713

## Deuteranomaly

106.0190, -38.9564, 35.0633

## Tritanomaly

109.6500, -19.0544, 45.0340

# Monochromacy



## Original Color

106.7260, -37.8259, 45.8443

## Achromatopsia

107.0000, 0.0000, 0.0000

## Achromatomaly

107.1410, -13.8735, 16.5393

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 106.7260, -37.8259, 45.8443 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(159, 95, 30)` looks like.

```
.text, #text, p{  
    color:rgb(159, 95, 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(159, 95, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 95, 30) }
```

## Border

The CSS property to change the border of an element to YUV 106.7260, -37.8259, 45.8443 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(159, 95, 30) }
```



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

```
.border{ border-color:rgb(159, 95, 30) }
```

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

Here you see how a box with a 4 pixel rgb(159, 95, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 95, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 95, 30);  
box-shadow:4px 4px 4px 4px rgb(159, 95,  
30) }
```

# Background

The CSS property to change the background color of an element to YUV 106.7260, -37.8259, 45.8443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 95, 30) }
```

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

```
.background{ background-color: rgb(159, 95,  
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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