

# Converting Colors

YUV(83.0550, -37.0021,  
14.8608)

Have a look what the booklet for  
YUV(83.0550, -37.0021, 14.8608)  
contains.

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# Color

**YUV(83.0550, -37.0021,  
14.8608)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	645908
RGB	100, 89, 8
RGB Percent	39%, 35%, 3%
CMY	0.6078, 0.6510, 0.9686
CMYK	0.00, 0.11, 0.92, 0.61
HSL	53°, 85%, 21%
HSV	53°, 92%, 39%
XYZ	8.8717, 9.8716, 1.6675
YIQ	83.0550, 32.5570, -22.8590

# Conversions

## Conversions Part 2

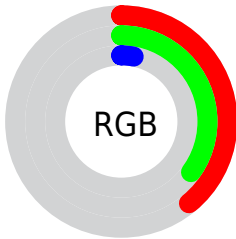
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 100, 8
Decimal	6576392
CIE Lab	37.61, -4.27, 42.77
CIE LCh	38, 42.979, 95.706
Yxy	9.8716, 0.4347, 0.4836
Android (android.graphics.Color)	4284766472 (0xFF645908)
YUV	83.0550, -37.0021, 14.8608
Hunter-Lab	31.4191, -4.5809, 18.8466

# Details

The YUV color **83.0550, -37.0021, 14.8608** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **24.9450, 37.0021, -14.8608**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.5930, -36.2813, 17.0199**, and **40.4790, -19.9561, 7.4729** is the 20% darker color. If you saturate the color by 10%, you get **81.5560, -40.2071, 16.1754**, and if you desaturate by 10%, it is **84.7820, -32.9235, 13.3462**.

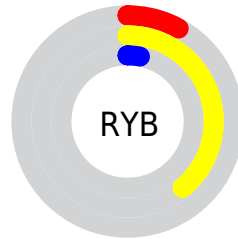
# Distribution



Red (39%)

Green (35%)

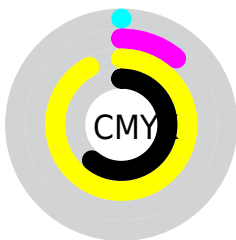
Blue (3%)



Red (8%)

Yellow (39%)

Blue (3%)

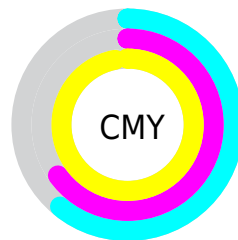


Cyan (0%)

Magenta (11%)

Yellow (92%)

Black (61%)



Cyan (61%)

Magenta (65%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 83.0550, -37.0021, 14.8608 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 83.0550, -37.0021, 14.8608 by changing the saturation by 10% instead.



83.0550, -37.0021,  
14.8608

83.0550, -37.0021,  
14.8608

254.3160, -2.6208,  
0.5999

60.8680, -30.0079,  
11.5168

134.5930,  
-36.2813, 17.0199

40.4790, -19.9561,  
7.4729

161.0770,  
-37.0130, 18.3495

21.5630, -10.6306,  
3.0142

188.1480,  
-38.0340, 19.1642


0.0000, 0.0000,  
0.0000


216.3330,  
-38.6182, 19.8790


240.5170,  
-37.7229, 12.7016


247.8180,


-27.5183, 6.2986


 251.0100,  
-15.2879, 3.4992


 83.0550, -37.0021,  
14.8608


 83.0550, -37.0021,  
14.8608


 81.5560, -40.2071,  
16.1754

 84.7820, -32.9235,  
13.3462

 86.5090, -28.8449,  
11.8316

 88.8230, -25.0557,  
9.8022

 90.5500, -20.9771,  
8.2877

 92.2770, -16.8986,  
6.7731

■ 94.0040, -12.8200,  
5.2585

■ 95.7310, -8.7414,  
3.7439

■ 98.0450, -4.9522,  
1.7145

■ 99.7720, -0.8736,  
0.2000

# Harmonies

## Analogous

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



85.3920, -31.2523, 37.3672



83.0550, -37.0021, 14.8608



79.7400, -26.0008, -13.8040

# Triad

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



83.0550, -37.0021, 14.8608



75.6400, 25.8135, -66.3363



89.6240, 13.9894, 39.7948

# Complementary

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



83.0550, -37.0021, 14.8608



24.9450, 37.0021, -14.8608

# 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.



90.4440, 26.8961, 6.6266



83.0550, -37.0021, 14.8608



76.0280, 37.4542, -66.6766

# Square

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



83.0550, -37.0021, 14.8608



72.3510, 10.6730, -63.4518



72.6360, 42.0845, -58.4398



86.8960, -1.9207, 56.2192



# Rectangle

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



83.0550, -37.0021, 14.8608



73.3050, -12.9684, -40.6095



72.6360, 42.0845, -58.4398



91.0080, 18.2371, 30.6880

# Sweetspot

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



83.0550, -37.0021, 14.8608



123.5480, -14.5672, 5.6584



36.8760, -8.3199, 55.3597



62.3180, -9.0308, 3.2291



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000



# Same Dimension

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



83.0550, -37.0021, 14.8608



106.3750, -52.4429, 20.7191



79.3460, -35.1736, -11.7044



49.8430, -1.8946, 1.0147



93.6720, -46.1803, 18.7047



197.3890, -97.3128, 39.1238



# Inverse Universe

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



24.9450, 37.0021, -14.8608



24.2120, 52.1535, -21.2339



28.6540, 35.1736, 11.7044



47.1570, 1.8946, -1.0147



21.3280, 46.1803, -18.7047

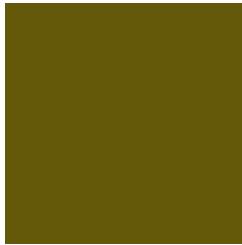


44.6110, 97.3128, -39.1238



# Previews

## White Background



This preview shows how the YUV color 83.0550, -37.0021, 14.8608 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



This preview shows how the YUV color 83.0550, -37.0021, 14.8608 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

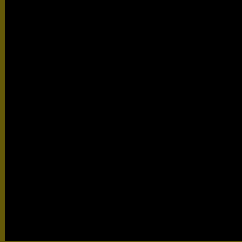
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 83.0550, -37.0021, 14.8608

## Background



This preview shows how black text looks on a background with the YUV color 83.0550, -37.0021, 14.8608.



This preview shows how white text looks on a background with the YUV color 83.0550, -37.0021,



# 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

83.0550, -37.0021, 14.8608

### Protanopia

83.0550, -37.0021, 14.8608

### Deuteranopia

84.2780, -35.1401, 24.3122



## Tritanopia

90.2620, -0.6222, 12.9252

# Trichromacy



## Original Color

83.0550, -37.0021, 14.8608

## Protanomaly

83.0550, -37.0021, 14.8608

## Deuteranomaly

84.0280, -36.0028, 21.0234

## Tritanomaly

87.5320, -13.5733, 13.5654

# Monochromacy



## Original Color

83.0550, -37.0021, 14.8608

## Achromatopsia

83.0000, 0.0000, 0.0000

## Achromatomaly

82.8900, -13.2568, 5.3585

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 83.0550, -37.0021, 14.8608 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(100, 89, 8)` looks like.

```
.text, #text, p{  
    color:rgb(100, 89, 8)  
}
```

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(100, 89, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 89, 8) }
```

## Border

The CSS property to change the border of an element to YUV 83.0550, -37.0021, 14.8608 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(100, 89, 8) }
```



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

```
.border{ border-color:rgb(100, 89, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 89, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 89, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 89, 8);  
box-shadow:4px 4px 4px 4px rgb(100, 89, 8)  
}
```

# Background

The CSS property to change the background color of an element to YUV 83.0550, -37.0021, 14.8608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 89, 8) }
```

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

```
.background{ background-color: rgb(100, 89,  
8) }
```

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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