

# Converting Colors

YUV(99.9380, -42.8604,  
27.2414)

Have a look what the booklet for  
YUV(99.9380, -42.8604, 27.2414)  
contains.

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# Color

**YUV(99.9380, -42.8604,  
27.2414)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83650D
RGB	131, 101, 13
RGB Percent	51%, 40%, 5%
CMY	0.4863, 0.6039, 0.9490
CMYK	0.00, 0.23, 0.90, 0.49
HSL	45°, 82%, 28%
HSV	45°, 90%, 51%
XYZ	14.0864, 14.1617, 2.3718
YIQ	99.9380, 46.1280, -21.0080

# Conversions

## Conversions Part 2

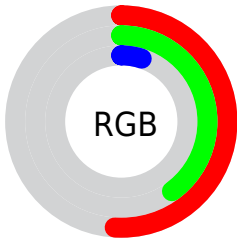
Format	Color
<b>R<sub>YB</sub></b>	53, 131, 13
Decimal	8611085
CIE Lab	44.46, 3.98, 48.39
CIE LCh	44, 48.555, 85.298
Yxy	14.1617, 0.4600, 0.4625
Android (android.graphics.Color)	4286801165 (0xFF83650D)
YUV	99.9380, -42.8604, 27.2414
Hunter-Lab	37.6321, 0.9599, 22.6056

# Details

The YUV color **99.9380, -42.8604, 27.2414** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **44.0620, 42.8604, -27.2414**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.0740, -42.4345, 30.6301**, and **55.3080, -27.2668, 19.0239** is the 20% darker color. If you saturate the color by 10%, you get **96.6950, -47.6706, 30.0855**, and if you desaturate by 10%, it is **103.1810, -38.0502, 24.3973**.

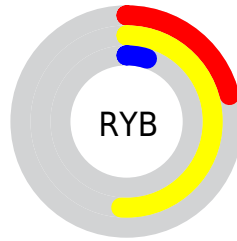
# Distribution



Red (51%)

Green (40%)

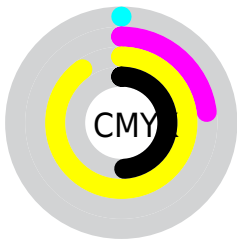
Blue (5%)



Red (21%)

Yellow (51%)

Blue (5%)

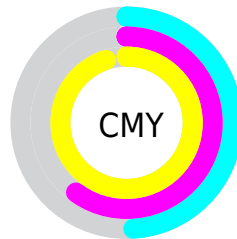


Cyan (0%)

Magenta (23%)

Yellow (90%)

Black (49%)



Cyan (49%)

Magenta (60%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 99.9380, -42.8604, 27.2414 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 99.9380, -42.8604, 27.2414 by changing the saturation by 10% instead.



■ 99.9380, -42.8604,  
27.2414

■ 99.9380, -42.8604,  
27.2414

■ 255.0000, 0.0000,  
0.0000

■ 76.2950, -37.6134,  
24.2973

■ 153.0740,  
-42.4345, 30.6301

■ 55.3080, -27.2668,  
19.0239

■ 179.9710,  
-42.8767, 32.4744

■ 35.2070, -17.3571,  
13.8505

■ 208.2270,  
-44.4819, 34.0039

■ 15.1170, -7.4527,  
10.4214


■ 230.1330,  
-41.9706, 21.8084


■ 0.0000, 0.0000,  
0.0000


■ 245.5380,  
-36.2542, 8.2982


■ 248.7300,


-24.0239, 5.4988


 252.0360,  
-11.3567, 2.5994


 99.9380, -42.8604,  
27.2414


 99.9380, -42.8604,  
27.2414


 96.6950, -47.6706,  
30.0855

 103.1810,  
-38.0502, 24.3973

 107.0110,  
-33.5294, 21.0384

 110.2540,  
-28.7192, 18.1942

 113.4970,  
-23.9090, 15.3501

 117.3270,  
-19.3882, 11.9912

■ 120.6840,  
-14.1412, 9.0471

■ 123.9270, -9.3310,  
6.2030

■ 127.7570, -4.8102,  
2.8441

■ 131.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



102.3660, -31.7324, 51.4220



99.9380, -42.8604, 27.2414



96.4610, -36.2163, -3.9123

# Triad

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



99.9380, -42.8604, 27.2414



88.6340, 24.8304, -77.7320



107.9530, 21.7152, 35.1212

# Complementary

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



99.9380, -42.8604, 27.2414



44.0620, 42.8604, -27.2414

# 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.



105.1520, 36.4071, -10.6573



99.9380, -42.8604, 27.2414



89.9340, 39.9655, -78.8721

# Square

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



99.9380, -42.8604, 27.2414



83.8460, 6.4849, -73.5329



86.9480, 48.8326, -76.2534



104.2370, 4.3202, 61.1822



# Rectangle

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



99.9380, -42.8604, 27.2414



91.9230, -23.6260, -28.8735



86.9480, 48.8326, -76.2534



108.1300, 26.5579, 21.8110

# Sweetspot

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



99.9380, -42.8604, 27.2414



158.7120, -16.6200, 10.7766



51.8160, -3.8533, 69.4444



79.6990, -10.2046, 6.4030



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



# Same Dimension

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



99.9380, -42.8604, 27.2414



125.6780, -61.9593, 39.7474



109.1760, -47.4148, -5.4164



64.7290, -2.3314, 1.1147



95.8090, -47.2338, 29.9855



2.0710, -1.0210, 0.8147



# Inverse Universe

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



44.0620, 42.8604, -27.2414



44.7350, 62.2486, -39.2326



34.8240, 47.4148, 5.4164



61.2710, 2.3314, -1.1147



34.1910, 47.2338, -29.9855

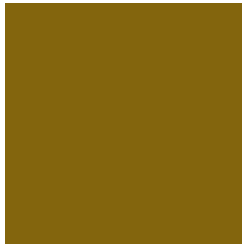


0.9290, 1.0210, -0.8147



# Previews

## White Background



This preview shows how the YUV color 99.9380, -42.8604, 27.2414 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 99.9380, -42.8604, 27.2414 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

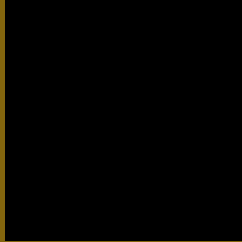
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 99.9380, -42.8604, 27.2414

## Background



This preview shows how black text looks on a background with the YUV color 99.9380, -42.8604, 27.2414.



This preview shows how white text looks on a background with the YUV color 99.9380, -42.8604,



# 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

99.9380, -42.8604, 27.2414

### Protanopia

99.5130, -41.6649, 17.0901

### Deuteranopia

100.0630, -42.4291, 28.8857



## Tritanopia

107.3560, -3.1335, 25.1208

# Trichromacy



## Original Color

99.9380, -42.8604, 27.2414

## Protanomaly

99.4210, -42.1126, 20.6788

## Deuteranomaly

99.7640, -42.2817, 28.2710

## Tritanomaly

104.8710, -17.6844, 25.5461

# Monochromacy



## Original Color

99.9380, -42.8604, 27.2414

## Achromatopsia

100.0000, 0.0000, 0.0000

## Achromatomaly

99.6410, -15.5990, 9.9618

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 99.9380, -42.8604, 27.2414 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(131, 101, 13)` looks like.

```
.text, #text, p{  
    color:rgb(131, 101, 13)  
}
```

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(131, 101, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 101, 13) }
```

## Border

The CSS property to change the border of an element to YUV 99.9380, -42.8604, 27.2414 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(131, 101, 13) }
```



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

```
.border{ border-color:rgb(131, 101, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 101, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 101, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 101, 13);  
box-shadow:4px 4px 4px 4px rgb(131, 101,  
13) }
```

# Background

The CSS property to change the background color of an element to YUV 99.9380, -42.8604, 27.2414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 101, 13) }
```

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

```
.background{ background-color: rgb(131,  
101, 13) }
```

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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