

# Converting Colors

YUV(105.9130, -11.2961,  
29.8943)

Have a look what the booklet for  
YUV(105.9130, -11.2961, 29.8943)  
contains.

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# Color

**YUV(105.9130, -11.2961,  
29.8943)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C5D53
RGB	140, 93, 83
RGB Percent	55%, 36%, 33%
CMY	0.4510, 0.6353, 0.6745
CMYK	0.00, 0.34, 0.41, 0.45
HSL	11°, 26%, 44%
HSV	11°, 41%, 55%
XYZ	16.2909, 14.0287, 10.0328
YIQ	105.9130, 31.2220, 6.8540

# Conversions

## Conversions Part 2

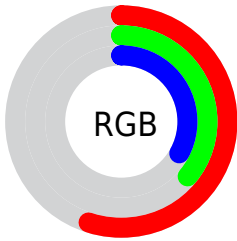
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 95, 83
Decimal	9198931
CIE Lab	44.27, 17.94, 13.59
CIE LCh	44, 22.503, 37.141
Yxy	14.0287, 0.4037, 0.3477
Android (android.graphics.Color)	4287389011 (0xFF8C5D53)
YUV	105.9130, -11.2961, 29.8943
Hunter-Lab	37.4549, 12.0920, 10.3368

# Details

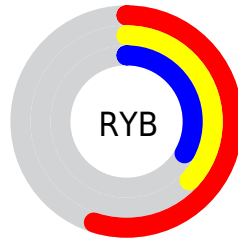
The YUV color **105.9130, -11.2961, 29.8943** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **117.0870, 11.2961, -29.8943**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.8810, -12.7593, 32.5534**, and **57.6460, -9.6855, 26.6205** is the 20% darker color. If you saturate the color by 10%, you get **97.2730, -13.9386, 37.4716**, and if you desaturate by 10%, it is **114.5530, -8.6536, 22.3170**.

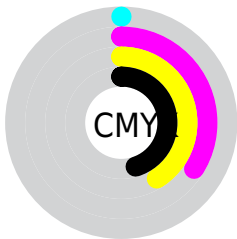
# Distribution



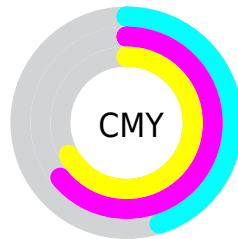
- Red (55%)
- Green (36%)
- Blue (33%)



- Red (55%)
- Yellow (37%)
- Blue (33%)



- Cyan (0%)
- Magenta (34%)
- Yellow (41%)
- Black (45%)



- Cyan (45%)
- Magenta (64%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 105.9130, -11.2961, 29.8943 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 105.9130, -11.2961, 29.8943 by changing the saturation by 10% instead.



■ 105.9130,  
-11.2961, 29.8943

■ 105.9130,  
-11.2961, 29.8943

■ 255.0000, 0.0000,  
0.0000

■ 81.1300, -10.4171,  
27.9500

■ 157.8810,  
-12.7593, 32.5534

■ 57.6460, -9.6855,  
26.6205

■ 184.8920,  
-12.7648, 34.2977

■ 35.5640, -8.6591,  
24.0614

■ 213.0770,  
-13.3490, 35.0125

■ 12.5470, -6.1857,  
24.0763

■ 233.1890, -9.9532,  
19.1282

■ 0.0000, 0.0000,  
0.0000

■ 252.9310, -5.3890,  
1.8145

■ 105.9130,  
-11.2961, 29.8943

■ 105.9130,  
-11.2961, 29.8943

■ 97.2730, -13.9386,  
37.4716

■ 114.5530, -8.6536,  
22.3170

■ 89.2200, -16.8705,  
44.5341

■ 122.6060, -5.7218,  
15.2545

■ 80.5800, -19.5129,  
52.1113

■ 131.2460, -3.0793,  
7.6773

■ 72.5270, -22.4448,  
59.1738

■ 139.2990, -0.1474,  
0.6148

■ 63.8870, -25.0873,  
66.7511

■ 147.9390, 2.4951,  
-6.9625

■ 56.5350, -27.8718,  
73.1988

■ 155.9920, 5.4269,  
-14.0250

■ 164.6320, 8.0694,  
-21.6023

■ 172.6850, 11.0013,

-28.6647

■ 181.3250, 13.6438,  
-36.2420

# Harmonies

## Analogous

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



107.0900, -3.0024, 29.7391



105.9130, -11.2961, 29.8943



105.0770, -16.8000, 21.8575

# Triad

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



105.9130, -11.2961, 29.8943



98.4070, -4.1447, -24.0359



103.5370, 18.9623, -15.3799

# Complementary

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



105.9130, -11.2961, 29.8943



117.0870, 11.2961, -29.8943

# 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.



98.3450, 20.0429, -35.3826



105.9130, -11.2961, 29.8943



94.8810, 6.9607, -39.3606

# Square

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



105.9130, -11.2961, 29.8943



100.8130, -13.2188, -6.8520



93.9540, 16.2917, -45.5637



106.7030, 13.9504, 5.5225



# Rectangle

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



105.9130, -11.2961, 29.8943



103.6800, -18.0832, 13.4356



93.9540, 16.2917, -45.5637



102.0200, 19.7101, -21.9425

# Sweetspot

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



105.9130, -11.2961, 29.8943



167.9260, -4.4005, 11.4659



105.5150, 12.5641, 30.2433



84.0610, -2.4951, 6.9625



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



105.9130, -11.2961, 29.8943



128.0030, -17.7495, 46.4784



122.3490, -19.3991, 15.4799



64.6800, -1.3212, 3.7886



53.2680, -26.2611, 69.9250



2.0820, -1.0264, 2.5591



# Inverse Universe

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



117.0870, 11.2961, -29.8943



144.9970, 17.7495, -46.4784



100.6510, 19.3991, -15.4799



66.3200, 1.3212, -3.7886



79.1450, 26.5505, -69.4102



2.9180, 1.0264, -2.5591



# Previews

## White Background



This preview shows how the YUV color 105.9130, -11.2961, 29.8943 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

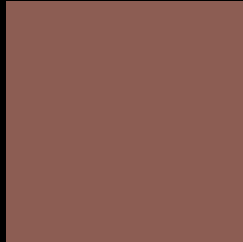
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 105.9130, -11.2961, 29.8943 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 105.9130, -11.2961, 29.8943

## Background



This preview shows how black text looks on a background with the YUV color 105.9130, -11.2961, 29.8943.



This preview shows how white text looks on a background with the YUV color 105.9130, -11.2961, 29.8943.



# 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

105.9130, -11.2961, 29.8943

### Protanopia

104.9700, -7.8732, 5.2883

### Deuteranopia

105.4120, -11.5421, 15.4247



## Tritanopia

106.7480, -4.3128, 30.0390

# Trichromacy



## Original Color

105.9130, -11.2961, 29.8943

## Protanomaly

105.6830, -9.2107, 14.3100

## Deuteranomaly

105.4450, -11.5584, 20.6577

## Tritanomaly

106.7650, -6.7861, 30.0241

# Monochromacy



## Original Color

105.9130, -11.2961, 29.8943

## Achromatopsia

106.0000, 0.0000, 0.0000

## Achromatomaly

105.7410, -3.8163, 10.7511

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 105.9130, -11.2961, 29.8943 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(140, 93, 83)` looks like.

```
.text, #text, p{  
    color:rgb(140, 93, 83)  
}
```

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(140, 93, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 93, 83) }
```

## Border

The CSS property to change the border of an element to YUV 105.9130, -11.2961, 29.8943 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(140, 93, 83) }
```



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

```
.border{ border-color:rgb(140, 93, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 93, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 93, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 93, 83);  
box-shadow:4px 4px 4px 4px rgb(140, 93,  
83) }
```

# Background

The CSS property to change the background color of an element to YUV 105.9130, -11.2961, 29.8943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 93, 83) }
```

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

```
.background{ background-color: rgb(140, 93,  
83) }
```

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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