

# Converting Colors

YUV(107.5260, -31.3183,  
11.8167)

Have a look what the booklet for  
YUV(107.5260, -31.3183, 11.8167)  
contains.

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# Color

**YUV(107.5260, -31.3183,  
11.8167)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79712C
RGB	121, 113, 44
RGB Percent	47%, 44%, 17%
CMY	0.5255, 0.5569, 0.8275
CMYK	0.00, 0.07, 0.64, 0.53
HSL	54°, 47%, 32%
HSV	54°, 64%, 47%
XYZ	14.2449, 16.0571, 4.7314
YIQ	107.5260, 26.9170, -19.7630

# Conversions

## Conversions Part 2

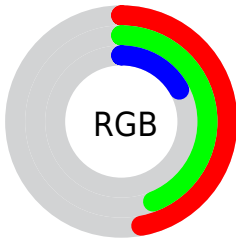
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 121, 44
Decimal	7958828
CIELab	47.05, -6.17, 38.39
CIELCh	47, 38.885, 99.137
Yxy	16.0571, 0.4066, 0.4583
Android (android.graphics.Color)	4286148908 (0xFF79712C)
YUV	107.5260, -31.3183, 11.8167
Hunter-Lab	40.0713, -6.6698, 21.0492

# Details

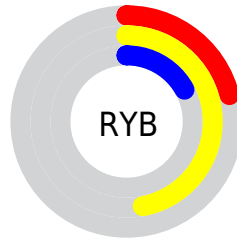
The YUV color **107.5260, -31.3183, 11.8167** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **57.4740, 31.3183, -11.8167**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.7820, -32.9235, 13.3462**, and **59.0850, -29.1289, 9.5725** is the 20% darker color. If you saturate the color by 10%, you get **105.5710, -36.2705, 13.5312**, and if you desaturate by 10%, it is **109.4810, -26.3661, 10.1022**.

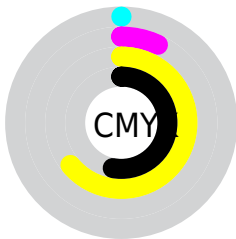
# Distribution



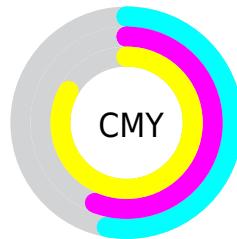
- Red (47%)
- Green (44%)
- Blue (17%)



- Red (21%)
- Yellow (47%)
- Blue (17%)



- Cyan (0%)
- Magenta (7%)
- Yellow (64%)
- Black (53%)



- Cyan (53%)
- Magenta (56%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 107.5260, -31.3183, 11.8167 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 107.5260, -31.3183, 11.8167 by changing the saturation by 10% instead.



107.5260,  
-31.3183, 11.8167

107.5260,  
-31.3183, 11.8167

255.0000, 0.0000,  
0.0000

82.8140, -31.4603,  
10.6871

159.7820,  
-32.9235, 13.3462

59.0850, -29.1289,  
9.5725

187.1520,  
-34.0919, 14.7757

39.5820, -19.5139,  
5.6286

214.4510,  
-34.2393, 15.3905

20.0680, -9.8935,  
-0.0596

241.4290,  
-34.2285, 11.9018

0.0000, 0.0000,  
0.0000

248.6160,  
-24.4607, 5.5988

251.8080,

-12.2303, 2.7994

■ 107.5260,  
-31.3183, 11.8167

■ 107.5260,  
-31.3183, 11.8167

■ 105.5710,  
-36.2705, 13.5312

■ 109.4810,  
-26.3661, 10.1022

■ 103.0290,  
-40.9333, 15.7606

■ 112.0230,  
-21.7033, 7.8728

■ 101.0740,  
-45.8855, 17.4751

■ 113.9780,  
-16.7512, 6.1583

■ 99.5750, -49.0905,  
18.7897

■ 115.9330,  
-11.7990, 4.4438

■ 117.8880, -6.8468,  
2.7292

■ 120.5440, -1.7472,  
0.3999

■ 122.4990, 3.2050,  
-1.3146

■ 124.4540, 8.1572,  
-3.0292

■ 126.4090, 13.1094,  
-4.7437

# Harmonies

## Analogous

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



110.1250, -29.6416, 34.0934



107.5260, -31.3183, 11.8167



103.4670, -21.9222, -15.3186

# Triad

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



107.5260, -31.3183, 11.8167



91.8770, 29.6406, -80.5761



114.1140, 10.7898, 39.3650

# Complementary

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



107.5260, -31.3183, 11.8167



57.4740, 31.3183, -11.8167

# 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.



114.5540, 23.3909, 10.9151



107.5260, -31.3183, 11.8167



90.6350, 40.1129, -79.4869

# Square

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



107.5260, -31.3183, 11.8167



88.9300, 15.8105, -77.9916



107.6350, 33.7039, -30.3749



111.8910, -4.3833, 52.7156



# Rectangle

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



107.5260, -31.3183, 11.8167



98.8970, -10.7952, -37.6207



107.6350, 33.7039, -30.3749



115.2100, 15.1795, 31.3878

# Sweetspot

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



107.5260, -31.3183, 11.8167



152.8190, -12.2358, 4.5437



68.0490, -7.4192, 46.4380



75.7740, -7.2836, 2.8292



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



# Same Dimension

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



107.5260, -31.3183, 11.8167



137.2760, -48.9431, 18.1749



103.2520, -29.2112, -10.7450



60.3160, -2.6208, 0.5999



103.1190, -50.8377, 19.1896



208.0100, -102.5489, 38.5792



# Inverse Universe

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



57.4740, 31.3183, -11.8167



58.7240, 48.9431, -18.1749



61.7480, 29.2112, 10.7450



56.2710, 2.3314, -1.1147



21.8810, 50.8377, -19.1896



43.9900, 102.5489, -38.5792



# Previews

## White Background



This preview shows how the YUV color 107.5260, -31.3183, 11.8167 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 107.5260, -31.3183, 11.8167 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 107.5260, -31.3183, 11.8167

## Background



This preview shows how black text looks on a background with the YUV color 107.5260, -31.3183, 11.8167.



This preview shows how white text looks on a background with the YUV color 107.5260, -31.3183, 11.8167.



# 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

107.5260, -31.3183, 11.8167

### Protanopia

107.8360, -31.4711, 14.1758

### Deuteranopia

109.0270, -31.0723, 26.2863



## Tritanopia

113.1910, 0.3988, 12.1105

# Trichromacy



## Original Color

107.5260, -31.3183, 11.8167

## Protanomaly

107.5370, -31.3237, 13.5611

## Deuteranomaly

108.5810, -31.3454, 20.5385

## Tritanomaly

111.5040, -11.0945, 11.8360

# Monochromacy



## Original Color

107.5260, -31.3183, 11.8167

## Achromatopsia

108.0000, 0.0000, 0.0000

## Achromatomaly

108.0470, -11.3622, 4.3438

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 107.5260, -31.3183, 11.8167 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(121, 113, 44)` looks like.

```
.text, #text, p{  
    color:rgb(121, 113, 44)  
}
```

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(121, 113, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 113, 44) }
```

## Border

The CSS property to change the border of an element to YUV 107.5260, -31.3183, 11.8167 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(121, 113, 44) }
```



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

```
.border{ border-color:rgb(121, 113, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 113, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 113, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 113, 44);  
box-shadow:4px 4px 4px 4px rgb(121, 113,  
44) }
```

# Background

The CSS property to change the background color of an element to YUV 107.5260, -31.3183, 11.8167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 113, 44) }
```

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

```
.background{ background-color: rgb(121,  
113, 44) }
```

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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