

Converting Colors

YUV(123.8100, -31.9513,
28.2306)

Have a look what the booklet for
YUV(123.8100, -31.9513, 28.2306)
contains.

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Color

**YUV(123.8100, -31.9513,
28.2306)**

Conversions

Conversions Part 1

Format	Color
Hex	9C783B
RGB	156, 120, 59
RGB Percent	61%, 47%, 23%
CMY	0.3882, 0.5294, 0.7686
CMYK	0.00, 0.23, 0.62, 0.39
HSL	38°, 45%, 42%
HSV	38°, 62%, 61%
XYZ	21.2162, 20.8166, 7.0375
YIQ	123.8100, 41.0370, -11.3390

Conversions

Conversions Part 2

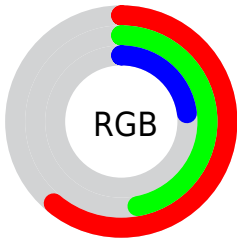
Format	Color
R_{YB}	116, 156, 59
Decimal	10254395
CIE _{Lab}	52.75, 6.98, 38.27
CIE _{LCh}	53, 38.899, 79.668
Yxy	20.8166, 0.4324, 0.4242
Android (android.graphics.Color)	4288444475 (0xFF9C783B)
YUV	123.8100, -31.9513, 28.2306
Hunter-Lab	45.6252, 3.1601, 22.7925

Details

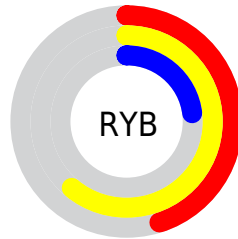
The YUV color **123.8100, -31.9513, 28.2306** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **91.1900, 31.9513, -28.2306**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9630, -33.9988, 31.6044**, and **73.9020, -31.5037, 24.6419** is the 20% darker color. If you saturate the color by 10%, you get **118.4640, -37.2038, 32.9191**, and if you desaturate by 10%, it is **129.1560, -26.6989, 23.5422**.

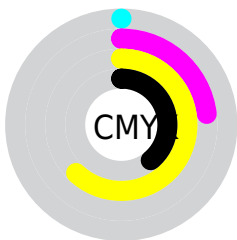
Distribution



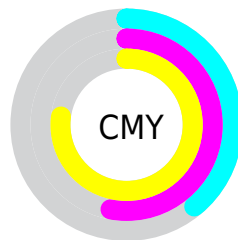
- Red (61%)
- Green (47%)
- Blue (23%)



- Red (45%)
- Yellow (61%)
- Blue (23%)



- Cyan (0%)
- Magenta (23%)
- Yellow (62%)
- Black (39%)



- Cyan (39%)
- Magenta (53%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.8100, -31.9513, 28.2306 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 123.8100, -31.9513, 28.2306 by changing the saturation by 10% instead.

■ 123.8100,
-31.9513, 28.2306

■ 123.8100,
-31.9513, 28.2306

■ 255.0000, 0.0000,
0.0000

■ 98.0270, -31.0723,
26.2863

■ 176.9630,
-33.9988, 31.6044

■ 73.9020, -31.5037,
24.6419

■ 204.4470,
-34.7304, 32.9340

■ 51.4870, -25.3831,
21.4979

■ 227.8480,
-32.9561, 23.8123

■ 31.9730, -15.7627,
15.8097

■ 247.3620,
-29.2655, 6.6985

■ 10.1220, -4.9901,
13.9250

■ 250.5540,
-17.0351, 3.8991

■ 0.0000, 0.0000,
0.0000

■ 253.8600, -4.3680,

0.9998

■ 123.8100,
-31.9513, 28.2306

■ 123.8100,
-31.9513, 28.2306

■ 118.4640,
-37.2038, 32.9191

■ 129.1560,
-26.6989, 23.5422

■ 113.2320,
-42.0194, 37.5075

■ 134.3880,
-21.8833, 18.9537

■ 108.4730,
-47.5612, 41.6812

■ 139.1470,
-16.3415, 14.7801

■ 104.1700,
-51.3558, 45.4549

■ 144.3790,
-11.5258, 10.1916

■ 149.7250, -6.2734,
5.5032

■ 155.0710, -1.0210,
0.8147

■ 160.3030, 3.7946,
-3.7737

■ 165.0620, 9.3364,
-7.9474

■ 170.2940, 14.1521,
-12.5358

Harmonies

Analogous

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



125.5810, -24.4434, 46.8485



123.8100, -31.9513, 28.2306



120.9270, -29.5440, 2.6950

Triad

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



123.8100, -31.9513, 28.2306



100.6990, 22.8264, -88.3130



129.8930, 19.2798, 22.8958

Complementary

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



123.8100, -31.9513, 28.2306



91.1900, 31.9513, -28.2306

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.



126.0500, 31.0344, -14.0758



123.8100, -31.9513, 28.2306



102.2440, 36.3617, -89.6680

Square

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



123.8100, -31.9513, 28.2306



103.4120, 4.7269, -69.6443



109.7120, 40.0750, -67.2764



128.3770, 5.2371, 47.0274

Rectangle

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



123.8100, -31.9513, 28.2306



117.7550, -22.0642, -16.4481



109.7120, 40.0750, -67.2764



129.3800, 23.9697, 11.9447

Sweetspot

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



123.8100, -31.9513, 28.2306



191.3360, -12.9836, 11.1063



92.2210, 1.8630, 55.9342



94.0950, -7.4418, 6.9327



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



123.8100, -31.9513, 28.2306



153.0990, -50.3348, 44.6402



141.6530, -40.7479, 2.9353



76.3270, -2.6262, 2.3442



95.5870, -47.1244, 41.5812



10.3550, -5.1050, 4.0737

Inverse Universe

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



91.1900, 31.9513, -28.2306



101.9010, 50.3348, -44.6402



73.3470, 40.7479, -2.9353



73.6730, 2.6262, -2.3442



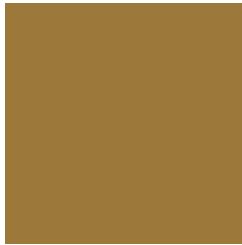
47.4130, 47.1244, -41.5812



5.2320, 4.8156, -4.5885

Previews

White Background



This preview shows how the YUV color 123.8100, -31.9513, 28.2306 looks on a white 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

Black Background



This preview shows how the YUV color 123.8100, -31.9513, 28.2306 looks on a black 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

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

YUV 123.8100, -31.9513, 28.2306

Background



This preview shows how black text looks on a background with the YUV color 123.8100, -31.9513, 28.2306.



This preview shows how white text looks on a background with the YUV color 123.8100, -31.9513,

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

123.8100, -31.9513, 28.2306

Protanopia

122.7760, -30.4556, 15.1054

Deuteranopia

123.8100, -31.9513, 28.2306



Tritanopia

128.3780, -3.1444, 28.6095

Trichromacy



Original Color

123.8100, -31.9513, 28.2306

Protanomaly

123.2820, -31.1980, 19.9237

Deuteranomaly

123.8100, -31.9513, 28.2306

Tritanomaly

126.9190, -13.7641, 28.1350

Monochromacy



Original Color

123.8100, -31.9513, 28.2306

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.2650, -11.9626, 10.2916

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.8100, -31.9513, 28.2306 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(156, 120, 59)` looks like.

```
.text, #text, p{  
    color:rgb(156, 120, 59)  
}
```

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(156, 120, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 120, 59) }
```

Border

The CSS property to change the border of an element to YUV 123.8100, -31.9513, 28.2306 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(156, 120, 59) }
```


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

```
.border{ border-color:rgb(156, 120, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 120, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 120, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 120, 59);  
box-shadow:4px 4px 4px 4px rgb(156, 120,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 123.8100, -31.9513, 28.2306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 120, 59) }
```

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

```
.background{ background-color: rgb(156,  
120, 59) }
```

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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