

Converting Colors

YUV(117.3260, -31.2197,
26.9011)

Have a look what the booklet for
YUV(117.3260, -31.2197, 26.9011)
contains.

YUV(117.3260, -31.2197, 26.9011)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(117.3260, -31.2197,
26.9011)**

Conversions

Conversions Part 1

Format	Color
Hex	947236
RGB	148, 114, 54
RGB Percent	58%, 45%, 21%
CMY	0.4196, 0.5529, 0.7882
CMYK	0.00, 0.23, 0.64, 0.42
HSL	38°, 47%, 40%
HSV	38°, 64%, 58%
XYZ	18.8959, 18.5969, 6.0837
YIQ	117.3260, 39.5240, -11.4520

Conversions

Conversions Part 2

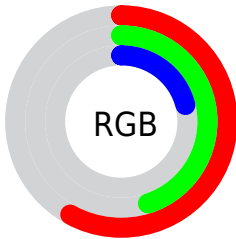
Format	Color
R_{YB}	107, 148, 54
Decimal	9728566
CIE _{Lab}	50.21, 6.42, 37.70
CIE _{LCh}	50, 38.242, 80.334
Yxy	18.5969, 0.4336, 0.4268
Android (android.graphics.Color)	4287918646 (0xFF947236)
YUV	117.3260, -31.2197, 26.9011
Hunter-Lab	43.1241, 2.7471, 21.8226

Details

The YUV color **117.3260, -31.2197, 26.9011** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **84.6740, 31.2197, -26.9011**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4790, -33.2671, 30.2749**, and **67.4180, -30.7721, 23.3124** is the 20% darker color. If you saturate the color by 10%, you get **112.6810, -36.3247, 30.9748**, and if you desaturate by 10%, it is **121.9710, -26.1147, 22.8274**.

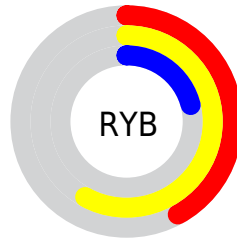
Distribution



Red (58%)

Green (45%)

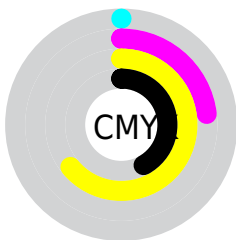
Blue (21%)



Red (42%)

Yellow (58%)

Blue (21%)

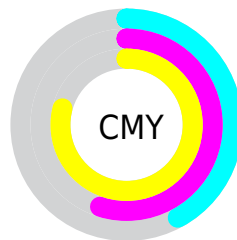


Cyan (0%)

Magenta (23%)

Yellow (64%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.3260, -31.2197, 26.9011 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 117.3260, -31.2197, 26.9011 by changing the saturation by 10% instead.

■ 117.3260,
-31.2197, 26.9011

■ 117.3260,
-31.2197, 26.9011

■ 255.0000, 0.0000,
0.0000

■ 92.4290, -30.7775,
25.0568

■ 170.4790,
-33.2671, 30.2749

■ 67.4180, -30.7721,
23.3124

■ 197.9630,
-33.9988, 31.6044

■ 46.4590, -22.9043,
19.7685

■ 223.6420,
-33.8405, 27.5010

■ 26.9450, -13.2839,
14.0802

■ 243.1560,
-30.1499, 10.3872

■ 5.0830, -2.5059,
10.4512

■ 249.8700,
-19.6559, 4.4990

■ 0.0000, 0.0000,
0.0000

■ 253.1760, -6.9888,

1.5996

■ 117.3260,
-31.2197, 26.9011

■ 117.3260,
-31.2197, 26.9011

■ 112.6810,
-36.3247, 30.9748

■ 121.9710,
-26.1147, 22.8274

■ 107.4490,
-41.1404, 35.5632

■ 127.2030,
-21.2991, 18.2390

■ 102.9180,
-45.8086, 39.5369

■ 131.7340,
-16.6309, 14.2653

■ 99.4300, -49.0190,
42.5959

■ 136.3790,
-11.5258, 10.1916

■ 141.6110, -6.7102,
5.6032

■ 146.2560, -1.6052,
1.5295

■ 150.9010, 3.4998,
-2.5442

■ 156.0190, 7.8786,
-7.0327

■ 160.6640, 12.9836,
-11.1063

Harmonies

Analogous

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



119.0970, -23.7118, 45.5189



117.3260, -31.2197, 26.9011



114.1550, -28.6704, 2.4951

Triad

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



117.3260, -31.2197, 26.9011



95.9060, 22.2313, -84.1096



122.7790, 18.8430, 22.9958

Complementary

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



117.3260, -31.2197, 26.9011



84.6740, 31.2197, -26.9011

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.



119.4200, 29.8659, -12.6463



117.3260, -31.2197, 26.9011



97.3370, 35.3299, -85.3645

Square

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



117.3260, -31.2197, 26.9011



95.0310, 5.9007, -72.8182



103.1960, 39.3434, -65.9469



121.8500, 4.5110, 46.6126

Rectangle

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



117.3260, -31.2197, 26.9011



111.8690, -21.6274, -16.5481



103.1960, 39.3434, -65.9469



123.0380, 22.6593, 12.2447

Sweetspot

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



117.3260, -31.2197, 26.9011



179.2650, -11.9626, 10.2916



85.9820, 0.9949, 54.3898



89.7960, -7.2944, 6.3179



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



117.3260, -31.2197, 26.9011



143.9460, -48.2874, 41.2664



133.3970, -39.1427, 1.4058



71.4410, -2.1894, 2.2442



92.9180, -45.8086, 39.5369



7.0990, -3.4998, 2.5442

Inverse Universe

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



84.6740, 31.2197, -26.9011



93.0540, 48.2874, -41.2664



68.6030, 39.1427, -1.4058



68.9720, 2.4788, -1.7294



45.0820, 45.8086, -39.5369



3.4880, 3.2104, -3.0590

Previews

White Background



This preview shows how the YUV color 117.3260, -31.2197, 26.9011 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 117.3260, -31.2197, 26.9011 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 117.3260, -31.2197, 26.9011 Background



This preview shows how black text looks on a background with the YUV color 117.3260, -31.2197, 26.9011.



This preview shows how white text looks on a background with the YUV color 117.3260, -31.2197, 26.9011.

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

117.3260, -31.2197, 26.9011

Protanopia

116.5910, -29.8714, 14.3907

Deuteranopia

117.3260, -31.2197, 26.9011



Tritanopia

121.7800, -2.8495, 27.3799

Trichromacy



Original Color

117.3260, -31.2197, 26.9011

Protanomaly

116.7980, -30.4664, 18.5942

Deuteranomaly

117.3260, -31.2197, 26.9011

Tritanomaly

120.3210, -13.4693, 26.9055

Monochromacy



Original Color

117.3260, -31.2197, 26.9011

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0800, -11.3784, 9.5768

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.3260, -31.2197, 26.9011 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(148, 114, 54)` looks like.

```
.text, #text, p{  
    color:rgb(148, 114, 54)  
}
```

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(148, 114, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 114, 54) }
```

Border

The CSS property to change the border of an element to YUV 117.3260, -31.2197, 26.9011 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(148, 114, 54) }
```


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

```
.border{ border-color:rgb(148, 114, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 114, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 114, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 114, 54);  
box-shadow:4px 4px 4px 4px rgb(148, 114,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 117.3260, -31.2197, 26.9011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 114, 54) }
```

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

```
.background{ background-color: rgb(148,  
114, 54) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor