

Converting Colors

YUV(113.3150, -27.7633,
38.3117)

Have a look what the booklet for
YUV(113.3150, -27.7633, 38.3117)
contains.

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Color

**YUV(113.3150, -27.7633,
38.3117)**

Conversions

Conversions Part 1

Format	Color
Hex	9D6639
RGB	157, 102, 57
RGB Percent	62%, 40%, 22%
CMY	0.3843, 0.6000, 0.7765
CMYK	0.00, 0.35, 0.64, 0.38
HSL	27°, 47%, 42%
HSV	27°, 64%, 62%
XYZ	19.3945, 16.9662, 6.1235
YIQ	113.3150, 47.2250, -2.3350

Conversions

Conversions Part 2

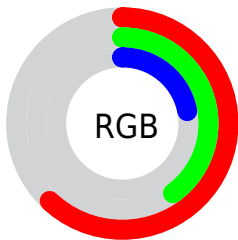
Format	Color
R_{YB}	157, 139, 57
Decimal	10315321
CIE _{Lab}	48.22, 17.56, 34.09
CIE _{LCh}	48, 38.352, 62.744
Yxy	16.9662, 0.4565, 0.3994
Android (android.graphics.Color)	4288505401 (0xFF9D6639)
YUV	113.3150, -27.7633, 38.3117
Hunter-Lab	41.1901, 11.9647, 20.0188

Details

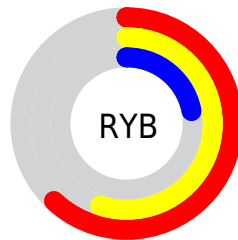
The YUV color **113.3150, -27.7633, 38.3117** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **100.6850, 27.7633, -38.3117**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0660, -30.1055, 42.9151**, and **64.0370, -26.1472, 33.2936** is the 20% darker color. If you saturate the color by 10%, you get **106.2080, -32.1475, 44.5446**, and if you desaturate by 10%, it is **120.4220, -23.3790, 32.0789**.

Distribution



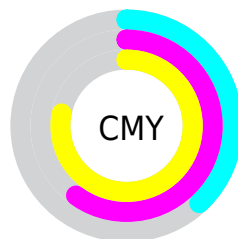
- Red (62%)
- Green (40%)
- Blue (22%)



- Red (62%)
- Yellow (55%)
- Blue (22%)



- Cyan (0%)
- Magenta (35%)
- Yellow (64%)
- Black (38%)



- Cyan (38%)
- Magenta (60%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.3150, -27.7633, 38.3117 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 113.3150, -27.7633, 38.3117 by changing the saturation by 10% instead.

■ 113.3150,
-27.7633, 38.3117

■ 113.3150,
-27.7633, 38.3117

■ 255.0000, 0.0000,
0.0000

■ 88.2330, -26.7369,
35.7527

■ 166.0660,
-30.1055, 42.9151

■ 64.0370, -26.1472,
33.2936

■ 193.5500,
-30.8371, 44.2447

■ 42.0950, -20.7528,
29.7347

■ 216.2390,
-29.2048, 33.9934

■ 21.6950, -10.6956,
23.9465

■ 235.8670,
-25.0774, 16.7796

■ 6.5780, -3.2430,
13.5251

■ 250.0980,
-18.7823, 4.2991

■ 0.0000, 0.0000,
0.0000

■ 253.4040, -6.1152,

1.3997

■ 113.3150,
-27.7633, 38.3117

■ 113.3150,
-27.7633, 38.3117

■ 106.2080,
-32.1475, 44.5446

■ 120.4220,
-23.3790, 32.0789

■ 99.8020, -36.3844,
50.1626

■ 126.8280,
-19.1422, 26.4608

■ 92.6950, -40.7686,
56.3955

■ 133.9350,
-14.7580, 20.2280

■ 88.6200, -43.6897,
59.9693

■ 141.0420,
-10.3737, 13.9952

■ 147.5620, -5.7001,
8.2771

■ 154.5550, -1.7526,
2.1443

■ 161.0750, 2.9210,
-3.5738

■ 168.1820, 7.3053,
-9.8066

■ 175.1750, 11.2527,
-15.9395

Harmonies

Analogous

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



114.3780, -16.4554, 51.4115



113.3150, -27.7633, 38.3117



111.4450, -31.7714, 17.1497

Triad

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



113.3150, -27.7633, 38.3117



90.2350, 13.1951, -79.1361



117.0800, 25.5966, 3.4378

Complementary

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



113.3150, -27.7633, 38.3117



100.6850, 27.7633, -38.3117

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.



107.6230, 35.1889, -40.0114



113.3150, -27.7633, 38.3117



93.2960, 27.4621, -81.8206

Square

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



113.3150, -27.7633, 38.3117



100.8580, -8.3110, -41.0945



93.4560, 38.2292, -81.9609



118.0640, 13.2794, 34.1469

Rectangle

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



113.3150, -27.7633, 38.3117



108.9590, -28.0808, 0.0360



93.4560, 38.2292, -81.9609



114.9150, 29.1289, -9.5725

Sweetspot

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



113.3150, -27.7633, 38.3117



187.2270, -10.9579, 14.7099



93.1700, 9.2832, 55.9789



91.7470, -6.2843, 8.9919



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.



113.3150, -27.7633, 38.3117



136.4350, -43.1055, 59.2545



142.6650, -42.2328, 12.5718



75.7400, -2.3368, 2.8590



80.3250, -39.6002, 54.9660



8.5940, -4.2368, 5.6181

Inverse Universe

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



100.6850, 27.7633, -38.3117



116.5650, 43.1055, -59.2545



71.3350, 42.2328, -12.5718



74.2600, 2.3368, -2.8590



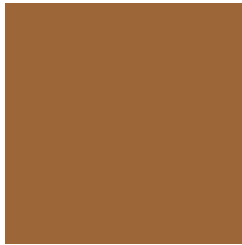
62.6750, 39.6002, -54.9660



6.4060, 4.2368, -5.6181

Previews

White Background



This preview shows how the YUV color 113.3150, -27.7633, 38.3117 looks on a white background.

Color Contrast Check

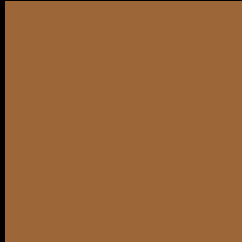
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.3150, -27.7633, 38.3117 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 113.3150, -27.7633, 38.3117

Background



This preview shows how black text looks on a background with the YUV color 113.3150, -27.7633, 38.3117.



This preview shows how white text looks on a background with the YUV color 113.3150, -27.7633,

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

113.3150, -27.7633, 38.3117

Protanopia

112.4320, -25.3560, 12.7761

Deuteranopia

112.7110, -28.4515, 25.6865



Tritanopia

116.6350, -6.2291, 38.0311

Trichromacy



Original Color

113.3150, -27.7633, 38.3117

Protanomaly

112.6720, -25.9673, 22.2127

Deuteranomaly

112.5590, -27.8836, 30.2048

Tritanomaly

115.5720, -14.0860, 38.0864

Monochromacy



Original Color

113.3150, -27.7633, 38.3117

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1560, -9.9369, 13.8952

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.3150, -27.7633, 38.3117 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(157, 102, 57)` looks like.

```
.text, #text, p{  
    color:rgb(157, 102, 57)  
}
```

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(157, 102, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 102, 57) }
```

Border

The CSS property to change the border of an element to YUV 113.3150, -27.7633, 38.3117 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(157, 102, 57) }
```


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

```
.border{ border-color:rgb(157, 102, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 102, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 102, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 102, 57);  
box-shadow:4px 4px 4px 4px rgb(157, 102,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 113.3150, -27.7633, 38.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 102, 57) }
```

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

```
.background{ background-color: rgb(157,  
102, 57) }
```

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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