

Converting Colors

YUV(112.9750, -55.6967,
37.7329)

Have a look what the booklet for
YUV(112.9750, -55.6967, 37.7329)
contains.

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Color

**YUV(112.9750, -55.6967,
37.7329)**

Conversions

Conversions Part 1

Format	Color
Hex	9C7100
RGB	156, 113, 0
RGB Percent	61%, 44%, 0%
CMY	0.3882, 0.5569, 1.0000
CMYK	0.00, 0.28, 1.00, 0.39
HSL	43°, 100%, 31%
HSV	43°, 100%, 61%
XYZ	19.6154, 18.8782, 2.6100
YIQ	112.9750, 61.9010, -26.0270

Conversions

Conversions Part 2

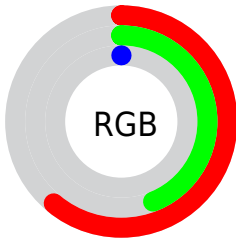
Format	Color
R_{YB}	59, 156, 0
Decimal	10252544
CIE _{Lab}	50.54, 8.65, 57.07
CIE _{LCh}	51, 57.717, 81.383
Yxy	18.8782, 0.4772, 0.4593
Android (android.graphics.Color)	4288442624 (0xFF9C7100)
YUV	112.9750, -55.6967, 37.7329
Hunter-Lab	43.4490, 4.5496, 26.8527

Details

The YUV color **112.9750, -55.6967, 37.7329** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **43.0250, 55.6967, -37.7329**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4360, -51.4869, 40.8366**, and **68.0550, -33.5511, 28.0158** is the 20% darker color. If you saturate the color by 10%, you get **112.9750, -55.6967, 37.7329**, and if you desaturate by 10%, it is **117.1470, -49.8655, 34.0741**.

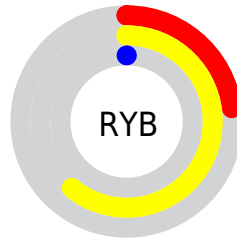
Distribution



Red (61%)

Green (44%)

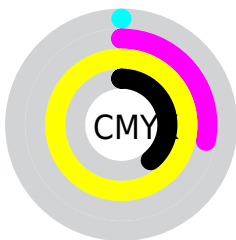
Blue (0%)



Red (23%)

Yellow (61%)

Blue (0%)

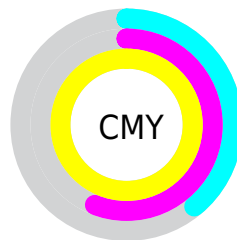


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (39%)



Cyan (39%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.9750, -55.6967, 37.7329 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 112.9750, -55.6967, 37.7329 by changing the saturation by 10% instead.

■ 112.9750,
-55.6967, 37.7329

■ 112.9750,
-55.6967, 37.7329

255.0000, 0.0000,
0.0000

■ 90.2160, -44.4765,
32.2596

■ 168.4360,
-51.4869, 40.8366

■ 68.0550, -33.5511,
28.0158

■ 196.2190,
-52.3660, 42.7809

■ 47.3560, -23.3465,
21.6128

■ 218.1360,
-49.8600, 32.3297

■ 27.2550, -13.4367,
16.4394

■ 238.2370,
-46.4588, 14.7012


■ 6.5780, -3.2430,
13.5251


■ 245.4240,
-36.6910, 8.3982


■ 0.0000, 0.0000,
0.0000


■ 248.6160,

-24.4607, 5.5988

 251.9220,
-11.7935, 2.6994


 112.9750,
-55.6967, 37.7329

 117.1470,
-49.8655, 34.0741

 121.7920,
-44.7605, 30.0004

 125.9640,
-38.9293, 26.3416

 130.0220,
-33.5348, 22.7827

 134.7810,
-27.9930, 18.6091

■ 138.9530,
-22.1618, 14.9502

■ 143.0110,
-16.7674, 11.3914

■ 147.1830,
-10.9362, 7.7325

■ 151.8280, -5.8312,
3.6588

Harmonies

Analogous

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



115.7160, -35.8490, 65.1471



112.9750, -55.6967, 37.7329



108.8240, -50.1992, 1.0314

Triad

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



112.9750, -55.6967, 37.7329



101.6110, 26.3208, -89.1128



123.5000, 28.8405, 36.3955

Complementary

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



112.9750, -55.6967, 37.7329



43.0250, 55.6967, -37.7329

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.



117.7080, 46.4860, -23.4229



112.9750, -55.6967, 37.7329



104.6380, 45.5345, -91.7675

Square

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



112.9750, -55.6967, 37.7329



95.2100, 4.3335, -83.4992



101.1620, 57.6011, -88.7191



117.9810, 9.3764, 72.8077

Rectangle

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



112.9750, -55.6967, 37.7329



105.2190, -32.6460, -29.1331



101.1620, 57.6011, -88.7191



123.9970, 35.0045, 19.2966

Sweetspot

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



112.9750, -55.6967, 37.7329



187.0670, -21.7250, 14.8502



51.6600, -3.7764, 91.5062



91.9120, -13.2676, 8.8472



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.



112.9750, -55.6967, 37.7329



147.8720, -72.9009, 49.2243



128.0500, -63.1286, -5.3058



76.9140, -2.9156, 1.8294



103.2180, -50.8865, 34.8888



10.9420, -5.3944, 3.5589

Inverse Universe

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



43.0250, 55.6967, -37.7329



56.1280, 72.9009, -49.2243



27.9500, 63.1287, 5.3059



73.0860, 2.9156, -1.8294



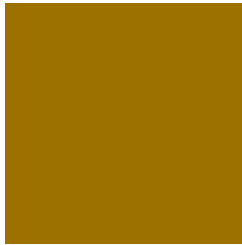
39.1950, 51.1759, -34.3740



4.0580, 5.3944, -3.5589

Previews

White Background



This preview shows how the YUV color 112.9750, -55.6967, 37.7329 looks on a white background.

Color Contrast Check

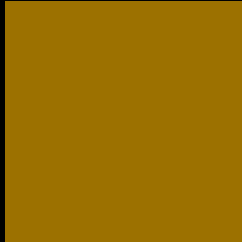
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.9750, -55.6967, 37.7329 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 112.9750, -55.6967, 37.7329

Background



This preview shows how black text looks on a background with the YUV color 112.9750, -55.6967, 37.7329.



This preview shows how white text looks on a background with the YUV color 112.9750, -55.6967, 37.7329.

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



Protanopia

112.7170, -51.1325, 20.4192

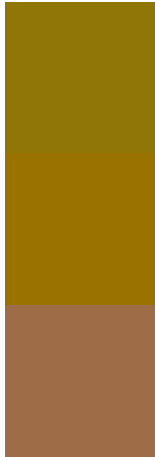
Deuteranopia

112.6650, -55.5438, 35.3738

Tritanopia

122.6560, -4.7604, 33.6277

Trichromacy



Protanomaly

112.7070, -52.6066, 26.5670

Deuteranomaly

112.9640, -55.6913, 35.9886

Tritanomaly

119.1450, -23.2425, 34.9528

Monochromacy



Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1100, -20.2672, 13.9355

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9750, -55.6967, 37.7329 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, 113, 0)` looks like.

```
.text, #text, p{  
    color:rgb(156, 113, 0)  
}
```

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, 113, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 113, 0) }
```

Border

The CSS property to change the border of an element to YUV 112.9750, -55.6967, 37.7329 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, 113, 0) }
```

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

```
.border{ border-color:rgb(156, 113, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 113, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 113, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 113, 0);  
box-shadow:4px 4px 4px 4px rgb(156, 113,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 112.9750, -55.6967, 37.7329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 113, 0) }
```

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

```
.background{ background-color: rgb(156,  
113, 0) }
```

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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