

Converting Colors

YUV(136.9520, -37.4443,
16.7051)

Have a look what the booklet for
YUV(136.9520, -37.4443, 16.7051)
contains.

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Color

**YUV(136.9520, -37.4443,
16.7051)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8E3D
RGB	156, 142, 61
RGB Percent	61%, 56%, 24%
CMY	0.3882, 0.4431, 0.7608
CMYK	0.00, 0.09, 0.61, 0.39
HSL	51°, 44%, 43%
HSV	51°, 61%, 61%
XYZ	24.2256, 26.7508, 8.3015
YIQ	136.9520, 34.3450, -22.2230

Conversions

Conversions Part 2

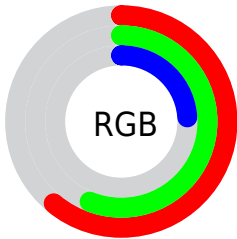
Format	Color
R_{YB}	77, 156, 61
Decimal	10260029
CIE Lab	58.74, -5.15, 44.06
CIE LCh	59, 44.361, 96.669
Yxy	26.7508, 0.4087, 0.4513
Android (android.graphics.Color)	4288450109 (0xFF9C8E3D)
YUV	136.9520, -37.4443, 16.7051
Hunter-Lab	51.7212, -6.9048, 26.6885

Details

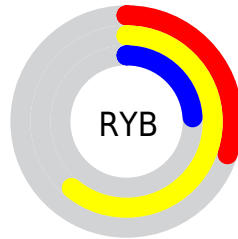
The YUV color **136.9520, -37.4443, 16.7051** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **80.0480, 37.4443, -16.7051**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.9200, -38.9076, 19.3642**, and **85.3000, -38.6019, 14.6459** is the 20% darker color. If you saturate the color by 10%, you get **133.9540, -43.8543, 19.3343**, and if you desaturate by 10%, it is **139.9500, -31.0343, 14.0759**.

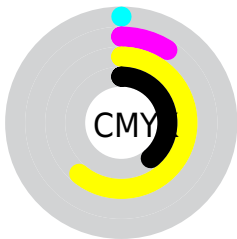
Distribution



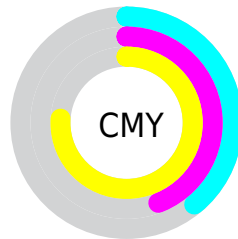
- Red (61%)
- Green (56%)
- Blue (24%)



- Red (30%)
- Yellow (61%)
- Blue (24%)



- Cyan (0%)
- Magenta (9%)
- Yellow (61%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.9520, -37.4443, 16.7051 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 136.9520, -37.4443, 16.7051 by changing the saturation by 10% instead.

■ 136.9520,
-37.4443, 16.7051

■ 136.9520,
-37.4443, 16.7051

■ 255.0000, 0.0000,
0.0000

■ 111.3540,
-37.1495, 15.4755

■ 190.9200,
-38.9076, 19.3642

■ 85.3000, -38.6019,
14.6459

■ 218.9910,
-39.9286, 20.1789

■ 63.2270, -31.1709,
11.2019

■ 242.9790,
-38.4436, 10.5424

■ 42.8380, -21.1191,
7.1581

■ 247.8180,
-27.5183, 6.2986

■ 23.3350, -11.5042,
3.2142

■ 251.1240,
-14.8511, 3.3993

■ 0.0000, 0.0000,
0.0000

■ 254.4300, -2.1840,

0.4999

■ 136.9520,
-37.4443, 16.7051

■ 136.9520,
-37.4443, 16.7051

■ 133.9540,
-43.8543, 19.3343

■ 139.9500,
-31.0343, 14.0759

■ 130.4830,
-49.5381, 22.3784

■ 143.4210,
-25.3506, 11.0318

■ 127.4850,
-55.9481, 25.0077

■ 146.4190,
-18.9406, 8.4025

■ 124.7150,
-61.4845, 27.4369

■ 149.3030,
-12.9674, 5.8733

■ 152.3010, -6.5574,
3.2440

■ 155.8860, -0.4368,
0.1000

■ 158.7700, 5.5364,
-2.4293

■ 161.7680, 11.9464,
-5.0585

■ 165.2390, 17.6302,
-8.1026

Harmonies

Analogous

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



139.6270, -34.3261, 43.3001



136.9520, -37.4443, 16.7051



132.2730, -27.7426, -15.1484

Triad

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



136.9520, -37.4443, 16.7051



115.2380, 35.3787, -101.0637



145.2440, 13.6837, 44.5130

Complementary

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



136.9520, -37.4443, 16.7051



80.0480, 37.4443, -16.7051

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.



145.0360, 29.0693, 9.6154



136.9520, -37.4443, 16.7051



114.5660, 48.0350, -100.4744

Square

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



136.9520, -37.4443, 16.7051



111.4930, 18.4910, -97.7794



135.7030, 40.5724, -40.0815



142.6580, -4.2684, 62.5669

Rectangle

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



136.9520, -37.4443, 16.7051



127.4360, -15.0049, -40.7244



135.7030, 40.5724, -40.0815



145.6710, 19.3892, 34.4915

Sweetspot

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



136.9520, -37.4443, 16.7051



196.8470, -14.7146, 6.2732



91.0010, -7.8885, 57.0041



97.7310, -8.7414, 3.7439



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.



136.9520, -37.4443, 16.7051



174.1000, -58.7163, 26.2223



135.3030, -36.6314, -10.7897



77.5010, -3.2050, 1.3146



114.3710, -56.3849, 25.1076



12.1160, -5.9732, 2.5293

Inverse Universe

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



80.0480, 37.4443, -16.7051



84.9000, 58.7163, -26.2223



81.6970, 36.6314, 10.7897



72.4990, 3.2050, -1.3146



28.6290, 56.3849, -25.1076



2.8840, 5.9732, -2.5293

Previews

White Background



This preview shows how the YUV color 136.9520, -37.4443, 16.7051 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 136.9520, -37.4443, 16.7051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

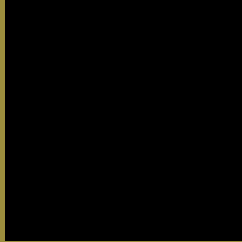
Any Text WCAG AA ✓ Pass

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 136.9520, -37.4443, 16.7051 Background



This preview shows how black text looks on a background with the YUV color 136.9520, -37.4443, 16.7051.



This preview shows how white text looks on a background with the YUV color 136.9520, -37.4443, 16.7051.

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

136.9520, -37.4443, 16.7051

Protanopia

137.2510, -37.5917, 17.3199

Deuteranopia

138.1650, -37.0563, 32.3043



Tritanopia

143.2240, 0.3826, 17.3436

Trichromacy



Original Color

136.9520, -37.4443, 16.7051

Protanomaly

137.2510, -37.5917, 17.3199

Deuteranomaly

137.7190, -37.3295, 26.5564

Tritanomaly

140.6680, -13.1473, 16.9542

Monochromacy



Original Color

136.9520, -37.4443, 16.7051

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0750, -13.8410, 6.0732

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.9520, -37.4443, 16.7051 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, 142, 61)` looks like.

```
.text, #text, p{  
    color:rgb(156, 142, 61)  
}
```

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, 142, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 142, 61) }
```

Border

The CSS property to change the border of an element to YUV 136.9520, -37.4443, 16.7051 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, 142, 61) }
```


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

```
.border{ border-color:rgb(156, 142, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 142, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 142, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 142, 61);  
box-shadow:4px 4px 4px 4px rgb(156, 142,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 136.9520, -37.4443, 16.7051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 142, 61) }
```

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

```
.background{ background-color: rgb(156,  
142, 61) }
```

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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