

Converting Colors

YUV(137.7330, -48.6754,
25.6672)

Have a look what the booklet for
YUV(137.7330, -48.6754, 25.6672)
contains.

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Color

**YUV(137.7330, -48.6754,
25.6672)**

Conversions

Conversions Part 1

Format	Color
Hex	A78E27
RGB	167, 142, 39
RGB Percent	65%, 56%, 15%
CMY	0.3451, 0.4431, 0.8471
CMYK	0.00, 0.15, 0.77, 0.35
HSL	48°, 62%, 40%
HSV	48°, 77%, 65%
XYZ	25.9756, 27.7080, 5.8986
YIQ	137.7330, 47.9630, -26.7330

Conversions

Conversions Part 2

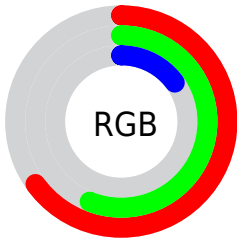
Format	Color
R_{YB}	70, 167, 39
Decimal	10980903
CIE Lab	59.62, -1.49, 54.71
CIE LCh	60, 54.730, 91.562
Yxy	27.7080, 0.4360, 0.4650
Android (android.graphics.Color)	4289170983 (0xFFA78E27)
YUV	137.7330, -48.6754, 25.6672
Hunter-Lab	52.6384, -4.0324, 30.2029

Details

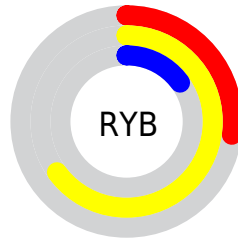
The YUV color **137.7330, -48.6754, 25.6672** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **68.2670, 48.6754, -25.6672**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.2280, -49.4124, 28.7410**, and **87.1930, -42.9861, 20.8787** is the 20% darker color. If you saturate the color by 10%, you get **134.0340, -55.2328, 28.9112**, and if you desaturate by 10%, it is **141.4320, -42.1180, 22.4231**.

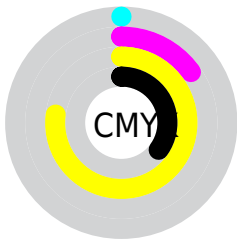
Distribution



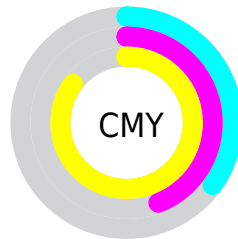
- Red (65%)
- Green (56%)
- Blue (15%)



- Red (27%)
- Yellow (65%)
- Blue (15%)



- Cyan (0%)
- Magenta (15%)
- Yellow (77%)
- Black (35%)



- Cyan (35%)
- Magenta (44%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.7330, -48.6754, 25.6672 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 137.7330, -48.6754, 25.6672 by changing the saturation by 10% instead.

■ 137.7330,
-48.6754, 25.6672

■ 137.7330,
-48.6754, 25.6672

■ 255.0000, 0.0000,
0.0000

■ 110.6960,
-52.6011, 24.8226

■ 192.2280,
-49.4124, 28.7410

■ 87.1930, -42.9861,
20.8787

■ 220.7120,
-50.1440, 30.0706

■ 65.6190, -32.3502,
16.1201

■ 240.6990,
-47.1796, 12.5420

■ 44.9310, -22.1510,
11.4615

■ 245.6520,
-35.8174, 8.1982

■ 25.7160, -12.6780,
6.3881

■ 248.8440,
-23.5871, 5.3988

■ 0.0000, 0.0000,
0.0000

■ 252.1500,

-10.9200, 2.4994

■ 137.7330,
-48.6754, 25.6672

■ 137.7330,
-48.6754, 25.6672

■ 134.0340,
-55.2328, 28.9112

■ 141.4320,
-42.1180, 22.4231

■ 129.8620,
-61.0640, 32.5700

■ 145.6040,
-36.2868, 18.7643

■ 128.5910,
-63.3954, 33.6847

■ 149.3030,
-29.7294, 15.5203

■ 153.0020,
-23.1720, 12.2762

■ 156.5870,
-17.0514, 9.1322

■ 160.8730,
-10.7834, 5.3734

■ 164.5720, -4.2260,
2.1294

■ 168.2710, 2.3314,
-1.1147

■ 171.8560, 8.4520,
-4.2587

Harmonies

Analogous

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



140.6950, -40.7686, 56.3955



137.7330, -48.6754, 25.6672



132.6510, -37.7889, -12.8489

Triad

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



137.7330, -48.6754, 25.6672



119.4440, 36.2631, -104.7524



147.2260, 21.0876, 49.7908

Complementary

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



137.7330, -48.6754, 25.6672



68.2670, 48.6754, -25.6672

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.



146.3260, 39.2793, 1.4681



137.7330, -48.6754, 25.6672



119.9120, 53.2874, -105.1628

Square

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



137.7330, -48.6754, 25.6672



114.5590, 15.0074, -100.4682



121.4120, 58.4639, -85.4303



143.1850, -0.0912, 76.1368

Rectangle

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



137.7330, -48.6754, 25.6672



126.4650, -22.4142, -44.2578



121.4120, 58.4639, -85.4303



147.8590, 27.6775, 36.0807

Sweetspot

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



137.7330, -48.6754, 25.6672



205.4300, -18.9460, 10.1469



80.2360, -7.5113, 76.0920



102.9440, -11.8044, 6.1881



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



137.7330, -48.6754, 25.6672



171.3070, -76.0734, 40.0728



141.0460, -50.3087, -10.5643



82.5010, -3.2050, 1.3146



114.1050, -56.2538, 29.7259



15.3720, -7.5784, 4.0588

Inverse Universe

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



68.2670, 48.6754, -25.6672



62.6930, 76.0734, -40.0728



64.9540, 50.3087, 10.5643



77.4990, 3.2050, -1.3146



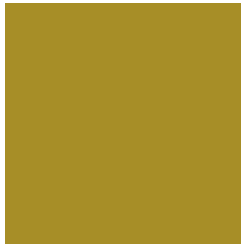
33.8950, 56.2538, -29.7259



4.6280, 7.5784, -4.0588

Previews

White Background



This preview shows how the YUV color 137.7330, -48.6754, 25.6672 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 137.7330, -48.6754, 25.6672 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 137.7330, -48.6754, 25.6672

Background



This preview shows how black text looks on a background with the YUV color 137.7330, -48.6754, 25.6672.

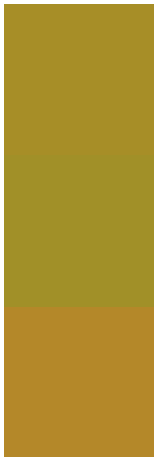


This preview shows how white text looks on a background with the YUV color 137.7330, -48.6754,

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

137.7330, -48.6754, 25.6672

Protanopia

137.2270, -47.9329, 20.8489

Deuteranopia

138.3260, -47.9817, 36.5481



Tritanopia

145.8120, -1.3863, 24.7209

Trichromacy



Original Color

137.7330, -48.6754, 25.6672

Protanomaly

137.2380, -47.9383, 22.5933

Deuteranomaly

137.8910, -48.2603, 32.5446

Tritanomaly

142.9310, -18.7000, 24.6165

Monochromacy



Original Color

137.7330, -48.6754, 25.6672

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7720, -17.6356, 9.8470

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7330, -48.6754, 25.6672 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(167, 142, 39)` looks like.

```
.text, #text, p{  
    color:rgb(167, 142, 39)  
}
```

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(167, 142, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 142, 39) }
```

Border

The CSS property to change the border of an element to YUV 137.7330, -48.6754, 25.6672 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(167, 142, 39) }
```


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

```
.border{ border-color:rgb(167, 142, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 142, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 142, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 142, 39);  
box-shadow:4px 4px 4px 4px rgb(167, 142,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 137.7330, -48.6754, 25.6672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 142, 39) }
```

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

```
.background{ background-color: rgb(167,  
142, 39) }
```

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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