

Converting Colors

YUV(137.4400, -44.0939,
49.6031)

Have a look what the booklet for
YUV(137.4400, -44.0939, 49.6031)
contains.

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Color

**YUV(137.4400, -44.0939,
49.6031)**

Conversions

Conversions Part 1

Format	Color
Hex	C27E30
RGB	194, 126, 48
RGB Percent	76%, 49%, 19%
CMY	0.2392, 0.5059, 0.8118
CMYK	0.00, 0.35, 0.75, 0.24
HSL	32°, 60%, 47%
HSV	32°, 75%, 76%
XYZ	30.2425, 26.6044, 6.3375
YIQ	137.4400, 65.5660, -9.8420

Conversions

Conversions Part 2

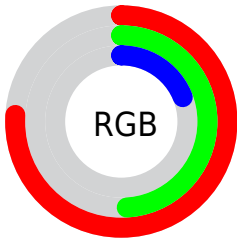
Format	Color
R _Y B	175, 194, 48
Decimal	12746288
CIE Lab	58.61, 19.77, 51.12
CIE LCh	59, 54.812, 68.860
Yxy	26.6044, 0.4786, 0.4211
Android (android.graphics.Color)	4290936368 (0xFFC27E30)
YUV	137.4400, -44.0939, 49.6031
Hunter-Lab	51.5795, 14.3954, 28.8207

Details

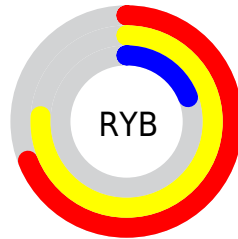
The YUV color **137.4400, -44.0939, 49.6031** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **104.5600, 44.0939, -49.6031**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.6040, -46.1468, 54.7213**, and **85.5640, -42.1831, 43.3554** is the 20% darker color. If you saturate the color by 10%, you get **129.9910, -49.7886, 56.1359**, and if you desaturate by 10%, it is **144.8890, -38.3993, 43.0703**.

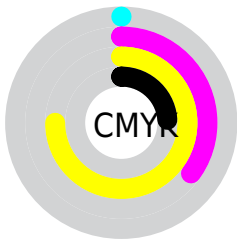
Distribution



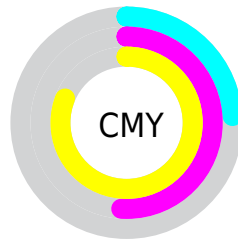
- Red (76%)
- Green (49%)
- Blue (19%)



- Red (69%)
- Yellow (76%)
- Blue (19%)



- Cyan (0%)
- Magenta (35%)
- Yellow (75%)
- Black (24%)



- Cyan (24%)
- Magenta (51%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.4400, -44.0939, 49.6031 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 137.4400, -44.0939, 49.6031 by changing the saturation by 10% instead.

■ 137.4400,
-44.0939, 49.6031

■ 137.4400,
-44.0939, 49.6031

■ 255.0000, 0.0000,
0.0000

■ 110.7170,
-44.2305, 46.7292

■ 192.6040,
-46.1468, 54.7213

■ 85.5640, -42.1831,
43.3554

■ 211.4170,
-42.6036, 38.2223

■ 63.6910, -31.3997,
37.9820

■ 231.5180,
-39.2024, 20.5937

■ 42.4050, -20.9057,
32.0938

■ 246.3360,
-33.1966, 7.5983

■ 22.0050, -10.8485,
26.3056

■ 249.5280,
-20.9663, 4.7989

■ 8.1870, -3.5432,
16.4990

■ 252.8340, -8.2992,

■ 0.0000, 0.0000,

1.8996

0.0000

■ 137.4400,
-44.0939, 49.6031

■ 137.4400,
-44.0939, 49.6031

■ 129.9910,
-49.7886, 56.1359

■ 144.8890,
-38.3993, 43.0703

■ 122.4280,
-55.9200, 62.7686

■ 152.4520,
-32.2678, 36.4376

■ 119.0540,
-58.6936, 65.7276

■ 159.9010,
-26.5732, 29.9048

■ 167.4640,
-20.4418, 23.2721

■ 174.9130,
-14.7471, 16.7393

■ 182.3620, -9.0525,
10.2065

■ 189.9250, -2.9210,
3.5738

■ 197.3740, 2.7736,
-2.9590

■ 204.9370, 8.9051,
-9.5917

Harmonies

Analogous

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



138.3500, -27.2875, 72.4841



137.4400, -44.0939, 49.6031



133.9060, -47.7747, 16.7454

Triad

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



137.4400, -44.0939, 49.6031



113.8240, 19.8068, -99.8236



144.6760, 35.1627, 15.1931

Complementary

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



137.4400, -44.0939, 49.6031



104.5600, 44.0939, -49.6031

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.



131.4870, 51.5249, -53.0471



137.4400, -44.0939, 49.6031



117.8940, 40.4783, -103.3930

Square

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



137.4400, -44.0939, 49.6031



106.9500, -1.4543, -93.7951



117.2050, 55.6079, -102.7888



143.4290, 16.5505, 58.3828

Rectangle

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



137.4400, -44.0939, 49.6031



130.8040, -39.8364, -9.4751



117.2050, 55.6079, -102.7888



142.6350, 40.6059, -4.0649

Sweetspot

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



137.4400, -44.0939, 49.6031



229.5390, -17.5207, 19.6983



99.4060, 8.1808, 82.9589



113.9170, -10.8051, 12.3508



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



137.4400, -44.0939, 49.6031



164.4870, -68.7671, 76.7489



175.8610, -63.0355, 11.5229



92.9250, -2.9210, 3.5738



98.6210, -48.6202, 54.7064



20.4330, -10.0735, 11.0213

Inverse Universe

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



104.5600, 44.0939, -49.6031



113.1000, 68.4777, -77.2637



66.1390, 63.0355, -11.5229



91.0750, 2.9210, -3.5738



62.3790, 48.6202, -54.7064



12.5670, 10.0735, -11.0213

Previews

White Background



This preview shows how the YUV color 137.4400, -44.0939, 49.6031 looks on a white background.

Color Contrast Check

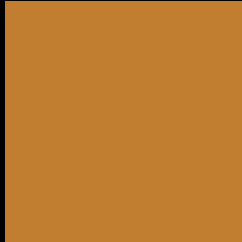
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.4400, -44.0939, 49.6031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

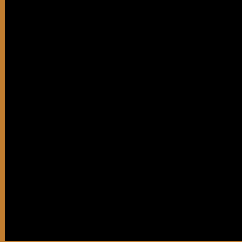
Any Text WCAG AA ✓ Pass

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 137.4400, -44.0939, 49.6031 Background



This preview shows how black text looks on a background with the YUV color 137.4400, -44.0939, 49.6031.



This preview shows how white text looks on a background with the YUV color 137.4400, -44.0939, 49.6031.

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

137.4400, -44.0939, 49.6031

Protanopia

136.5240, -41.6703, 18.8345

Deuteranopia

136.7110, -45.2135, 35.3335



Tritanopia

143.2450, -8.0088, 48.8971

Trichromacy



Original Color

137.4400, -44.0939, 49.6031

Protanomaly

136.7750, -42.2871, 30.0153

Deuteranomaly

136.8580, -44.7930, 40.4665

Tritanomaly

141.1020, -21.2493, 49.0225

Monochromacy



Original Color

137.4400, -44.0939, 49.6031

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.2830, -15.9155, 18.1688

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.4400, -44.0939, 49.6031 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(194, 126, 48)` looks like.

```
.text, #text, p{  
    color:rgb(194, 126, 48)  
}
```

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(194, 126, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 126, 48) }
```

Border

The CSS property to change the border of an element to YUV 137.4400, -44.0939, 49.6031 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(194, 126, 48) }
```


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

```
.border{ border-color:rgb(194, 126, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 126, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 126, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 126, 48);  
box-shadow:4px 4px 4px 4px rgb(194, 126,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 137.4400, -44.0939, 49.6031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 126, 48) }
```

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

```
.background{ background-color: rgb(194,  
126, 48) }
```

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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