

Converting Colors

YUV(137.3150, -44.5253,
47.9587)

Have a look what the booklet for
YUV(137.3150, -44.5253, 47.9587)
contains.

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Color

**YUV(137.3150, -44.5253,
47.9587)**

Conversions

Conversions Part 1

Format	Color
Hex	C07F2F
RGB	192, 127, 47
RGB Percent	75%, 50%, 18%
CMY	0.2471, 0.5020, 0.8157
CMYK	0.00, 0.34, 0.76, 0.25
HSL	33°, 61%, 47%
HSV	33°, 76%, 75%
XYZ	29.8407, 26.5904, 6.2490
YIQ	137.3150, 64.4200, -11.1000

Conversions

Conversions Part 2

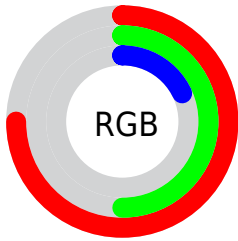
Format	Color
R _Y B	165, 192, 47
Decimal	12615471
CIE Lab	58.59, 18.31, 51.46
CIE LCh	59, 54.622, 70.419
Yxy	26.5904, 0.4761, 0.4242
Android (android.graphics.Color)	4290805551 (0xFFC07F2F)
YUV	137.3150, -44.5253, 47.9587
Hunter-Lab	51.5659, 13.0558, 28.9111

Details

The YUV color **137.3150, -44.5253, 47.9587** 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 **101.6850, 44.5253, -47.9587**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1800, -46.4307, 52.4621**, and **85.8520, -42.3250, 42.2258** is the 20% darker color. If you saturate the color by 10%, you get **129.8660, -50.2199, 54.4915**, and if you desaturate by 10%, it is **144.7640, -38.8307, 41.4260**.

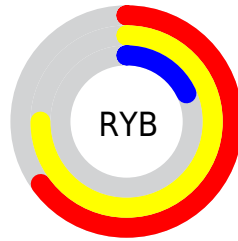
Distribution



Red (75%)

Green (50%)

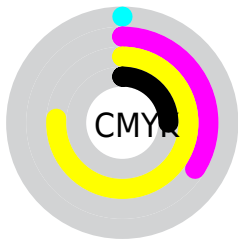
Blue (18%)



Red (65%)

Yellow (75%)

Blue (18%)

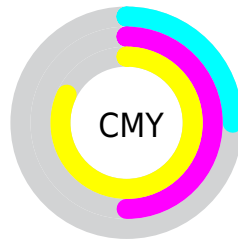


Cyan (0%)

Magenta (34%)

Yellow (76%)

Black (25%)



Cyan (25%)

Magenta (50%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.3150, -44.5253, 47.9587 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 137.3150, -44.5253, 47.9587 by changing the saturation by 10% instead.

■ 137.3150,
-44.5253, 47.9587

■ 137.3150,
-44.5253, 47.9587

■ 255.0000, 0.0000,
0.0000

■ 110.5920,
-44.6619, 45.0848

■ 192.1800,
-46.4307, 52.4621

■ 85.8520, -42.3250,
42.2258

■ 211.8900,
-43.3298, 37.8075

■ 63.6800, -31.3942,
36.2376

■ 231.9910,
-39.9286, 20.1789

■ 42.3940, -20.9002,
30.3495

■ 246.2220,
-33.6334, 7.6983

■ 22.2930, -10.9904,
25.1760

■ 249.4140,
-21.4031, 4.8989

■ 7.5890, -3.2484,
15.2694

■ 252.7200, -8.7360,

■ 0.0000, 0.0000,

1.9996

0.0000

■ 137.3150,
-44.5253, 47.9587

■ 137.3150,
-44.5253, 47.9587

■ 129.8660,
-50.2199, 54.4915

■ 144.7640,
-38.8307, 41.4260

■ 123.0040,
-56.2040, 60.5095

■ 151.6260,
-32.8466, 35.4080

■ 119.6300,
-58.9776, 63.4685

■ 159.1890,
-26.7152, 28.7752

■ 166.0510,
-20.7311, 22.7573

■ 173.5000,
-15.0365, 16.2245

■ 180.9490, -9.3419,
9.6917

■ 187.8110, -3.3578,
3.6738

■ 195.3740, 2.7736,
-2.9590

■ 202.2360, 8.7577,
-8.9770

Harmonies

Analogous

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



138.4100, -28.3031, 71.5544



137.3150, -44.5253, 47.9587



134.0090, -47.3324, 14.9011

Triad

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



137.3150, -44.5253, 47.9587



114.1660, 21.1172, -100.1236



144.7580, 34.1363, 17.7522

Complementary

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



137.3150, -44.5253, 47.9587



101.6850, 44.5253, -47.9587

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.



132.8790, 50.3457, -48.1289



137.3150, -44.5253, 47.9587



118.1220, 41.3519, -103.5930

Square

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



137.3150, -44.5253, 47.9587



107.2920, -0.1440, -94.0951



117.3190, 56.0447, -102.8888



143.3860, 15.0927, 59.2975

Rectangle

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



137.3150, -44.5253, 47.9587



130.4340, -38.6680, -10.9046



117.3190, 56.0447, -102.8888



143.1300, 39.8689, -0.9910

Sweetspot

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



137.3150, -44.5253, 47.9587



228.1260, -17.8101, 19.1835



97.7650, 7.0179, 82.6441



111.6180, -10.6577, 11.7360



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



137.3150, -44.5253, 47.9587



164.1340, -70.0721, 75.3045



173.3770, -62.3039, 10.1934



93.5120, -3.2104, 3.0590



100.3820, -49.4883, 53.1620



20.4330, -10.0735, 11.0213

Inverse Universe

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



101.6850, 44.5253, -47.9587



107.8660, 70.0721, -75.3045



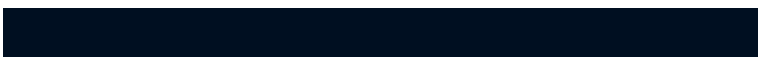
65.6230, 62.3039, -10.1934



91.0750, 2.9210, -3.5738



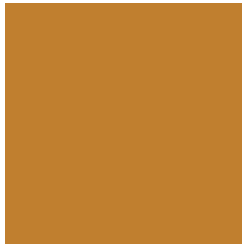
60.6180, 49.4883, -53.1620



12.5670, 10.0735, -11.0213

Previews

White Background



This preview shows how the YUV color 137.3150, -44.5253, 47.9587 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 137.3150, -44.5253, 47.9587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

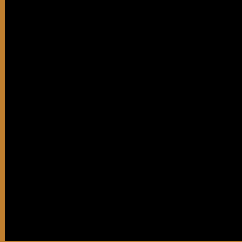
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.3150, -44.5253, 47.9587

Background



This preview shows how black text looks on a background with the YUV color 137.3150, -44.5253, 47.9587.



This preview shows how white text looks on a background with the YUV color 137.3150, -44.5253, 47.9587.

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

137.3150, -44.5253, 47.9587

Protanopia

136.4100, -42.1071, 18.9344

Deuteranopia

136.7110, -45.2135, 35.3335



Tritanopia

143.3480, -7.5666, 47.0528

Trichromacy



Original Color

137.3150, -44.5253, 47.9587

Protanomaly

136.9490, -42.8659, 28.9857

Deuteranomaly

136.5590, -44.6456, 39.8518

Tritanomaly

141.2050, -20.8071, 47.1782

Monochromacy



Original Color

137.3150, -44.5253, 47.9587

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8700, -16.2049, 17.6540

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3150, -44.5253, 47.9587 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(192, 127, 47)` looks like.

```
.text, #text, p{  
    color:rgb(192, 127, 47)  
}
```

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(192, 127, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 127, 47) }
```

Border

The CSS property to change the border of an element to YUV 137.3150, -44.5253, 47.9587 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(192, 127, 47) }
```


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

```
.border{ border-color:rgb(192, 127, 47) }
```

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

Here you see how a box with a 4 pixel rgb(192, 127, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 127, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 127, 47);  
box-shadow:4px 4px 4px 4px rgb(192, 127,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 137.3150, -44.5253, 47.9587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 127, 47) }
```

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

```
.background{ background-color: rgb(192,  
127, 47) }
```

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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