

Converting Colors

YUV(136.2530, -47.4527,
6.7941)

Have a look what the booklet for
YUV(136.2530, -47.4527, 6.7941)
contains.

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Color

**YUV(136.2530, -47.4527,
6.7941)**

Conversions

Conversions Part 1

Format	Color
Hex	909728
RGB	144, 151, 40
RGB Percent	56%, 59%, 16%
CMY	0.4353, 0.4078, 0.8431
CMYK	0.05, 0.00, 0.74, 0.41
HSL	64°, 58%, 37%
HSV	64°, 74%, 59%
XYZ	22.9512, 28.2157, 6.2440
YIQ	136.2530, 31.4590, -36.0050

Conversions

Conversions Part 2

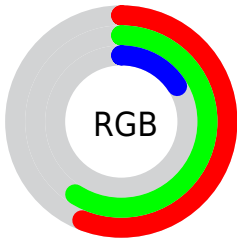
Format	Color
R_{YB}	40, 151, 47
Decimal	9475880
CIE _{Lab}	60.08, -16.59, 54.05
CIE _{LCh}	60, 56.540, 107.060
Yxy	28.2157, 0.3998, 0.4915
Android (android.graphics.Color)	4287665960 (0xFF909728)
YUV	136.2530, -47.4527, 6.7941
Hunter-Lab	53.1185, -15.8317, 30.2135

Details

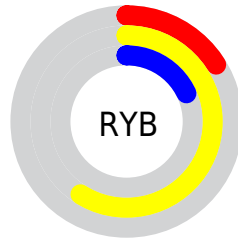
The YUV color **136.2530, -47.4527, 6.7941** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **54.7470, 47.4527, -6.7941**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.7370, -48.1843, 8.1237**, and **85.6100, -42.2057, 3.8500** is the 20% darker color. If you saturate the color by 10%, you get **134.2440, -53.8573, 7.6790**, and if you desaturate by 10%, it is **138.2620, -41.0482, 5.9092**.

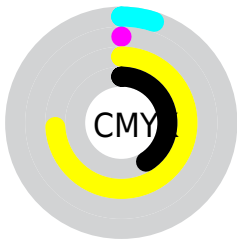
Distribution



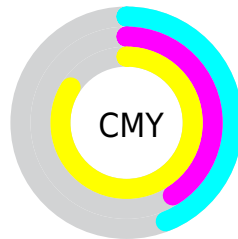
- Red (56%)
- Green (59%)
- Blue (16%)



- Red (16%)
- Yellow (59%)
- Blue (18%)



- Cyan (5%)
- Magenta (0%)
- Yellow (74%)
- Black (41%)



- Cyan (44%)
- Magenta (41%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.2530, -47.4527, 6.7941 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 136.2530, -47.4527, 6.7941 by changing the saturation by 10% instead.

■ 136.2530,
-47.4527, 6.7941

■ 136.2530,
-47.4527, 6.7941

■ 255.0000, 0.0000,
0.0000

■ 108.8140,
-51.6733, 7.1791

■ 190.7370,
-48.1843, 8.1237

■ 85.6100, -42.2057,
3.8500

■ 219.2210,
-48.9160, 9.4532

■ 64.0470, -31.5752,
0.8358

■ 242.6880,
-47.1742, 10.7976

■ 43.0600, -21.2286,
-4.4376

■ 245.8800,
-34.9438, 7.9982

■ 22.9590, -11.3188,
-9.6110

■ 249.0720,
-22.7135, 5.1989

■ 0.5870, -0.2894,
-0.5148

■ 252.3780,

■ 0.0000, 0.0000,

-10.0464, 2.2995

0.0000

■ 136.2530,
-47.4527, 6.7941

■ 136.2530,
-47.4527, 6.7941

■ 134.2440,
-53.8573, 7.6790

■ 138.2620,
-41.0482, 5.9092

■ 132.2350,
-60.2619, 8.5639

■ 140.2710,
-34.6436, 5.0243

■ 130.7960,
-64.4824, 8.9489

■ 142.2800,
-28.2390, 4.1394

■ 144.2890,
-21.8345, 3.2545

■ 146.4120,
-14.9931, 2.2697

■ 148.4210, -8.5886,
1.3848

■ 150.4300, -2.1840,
0.4999

■ 152.4390, 4.2206,
-0.3850

■ 154.4480, 10.6251,
-1.2699

Harmonies

Analogous

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



140.4300, -49.0190, 42.5959



136.2530, -47.4527, 6.7941



129.1300, -27.6721, -37.8250

Triad

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



136.2530, -47.4527, 6.7941



122.1800, 46.7463, -107.1519



146.4150, 11.1344, 68.9190

Complementary

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



136.2530, -47.4527, 6.7941



54.7470, 47.4527, -6.7941

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.



148.8520, 31.6250, 29.9478



136.2530, -47.4527, 6.7941



119.7470, 60.2707, -105.0181

Square

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



136.2530, -47.4527, 6.7941



118.9250, 26.6590, -104.2972



141.2340, 48.6916, -30.9002



142.7160, -12.1850, 81.8101

Rectangle

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



136.2530, -47.4527, 6.7941



109.2980, -2.6119, -95.8543



141.2340, 48.6916, -30.9002



147.2980, 18.5871, 58.4977

Sweetspot

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



136.2530, -47.4527, 6.7941



190.5000, -18.4875, 3.0695



76.7110, -18.0985, 65.1515



95.8510, -10.7725, 1.8847



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



136.2530, -47.4527, 6.7941



173.1030, -73.5078, 10.4337



120.1070, -39.4928, -26.4038



75.7890, -3.3470, 0.1850



121.3490, -59.8251, 8.4639



11.2190, -5.5310, 0.6849

Inverse Universe

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



54.7470, 47.4527, -6.7941



46.5980, 73.6552, -11.0484



70.8930, 39.4928, 26.4038



69.9120, 3.4944, -0.7998



18.6510, 59.8251, -8.4639



1.7810, 5.5310, -0.6849

Previews

White Background



This preview shows how the YUV color 136.2530, -47.4527, 6.7941 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 136.2530, -47.4527, 6.7941 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 136.2530, -47.4527, 6.7941 Background



This preview shows how black text looks on a background with the YUV color 136.2530, -47.4527, 6.7941.



This preview shows how white text looks on a background with the YUV color 136.2530, -47.4527, 6.7941.

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

136.2530, -47.4527, 6.7941

Protanopia

137.8850, -49.2433, 21.1489

Deuteranopia

139.7820, -46.2345, 36.1482



Tritanopia

146.1410, 2.8885, 6.8923

Trichromacy



Original Color

136.2530, -47.4527, 6.7941

Protanomaly

137.0800, -48.3534, 15.7158

Deuteranomaly

138.6020, -46.6388, 25.7820

Tritanomaly

142.6190, -15.5882, 6.4731

Monochromacy



Original Color

136.2530, -47.4527, 6.7941

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.8420, -17.1771, 2.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.2530, -47.4527, 6.7941 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(144, 151, 40)` looks like.

```
.text, #text, p{  
    color:rgb(144, 151, 40)  
}
```

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(144, 151, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 151, 40) }
```

Border

The CSS property to change the border of an element to YUV 136.2530, -47.4527, 6.7941 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(144, 151, 40) }
```


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

```
.border{ border-color:rgb(144, 151, 40) }
```

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

Here you see how a box with a 4 pixel rgb(144, 151, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 151, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 151, 40);  
box-shadow:4px 4px 4px 4px rgb(144, 151,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 136.2530, -47.4527, 6.7941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 151, 40) }
```

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

```
.background{ background-color: rgb(144,  
151, 40) }
```

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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