

Converting Colors

YUV(137.5300, -47.5893,
3.9202)

Have a look what the booklet for
YUV(137.5300, -47.5893, 3.9202)
contains.

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Color

**YUV(137.5300, -47.5893,
3.9202)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9A29
RGB	142, 154, 41
RGB Percent	56%, 60%, 16%
CMY	0.4431, 0.3961, 0.8392
CMYK	0.08, 0.00, 0.73, 0.40
HSL	66°, 58%, 38%
HSV	66°, 73%, 60%
XYZ	23.1112, 29.0221, 6.4816
YIQ	137.5300, 29.1210, -37.6870

Conversions

Conversions Part 2

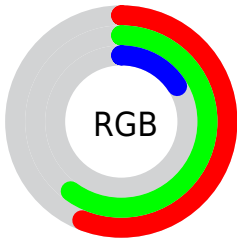
Format	Color
R_{YB}	41, 154, 53
Decimal	9345577
CIE Lab	60.80, -18.96, 54.32
CIE LCh	61, 57.538, 109.240
Yxy	29.0221, 0.3943, 0.4951
Android (android.graphics.Color)	4287535657 (0xFF8E9A29)
YUV	137.5300, -47.5893, 3.9202
Hunter-Lab	53.8721, -17.6997, 30.5771

Details

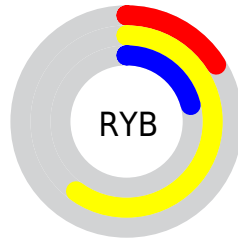
The YUV color **137.5300, -47.5893, 3.9202** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **57.4700, 47.5893, -3.9202**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1280, -47.8841, 5.1497**, and **86.7730, -42.7791, 1.0761** is the 20% darker color. If you saturate the color by 10%, you get **135.2220, -53.8464, 4.1903**, and if you desaturate by 10%, it is **139.8380, -41.3321, 3.6501**.

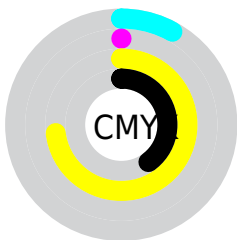
Distribution



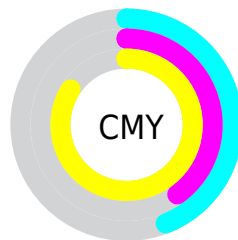
- Red (56%)
- Green (60%)
- Blue (16%)



- Red (16%)
- Yellow (60%)
- Blue (21%)



- Cyan (8%)
- Magenta (0%)
- Yellow (73%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.5300, -47.5893, 3.9202 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 137.5300, -47.5893, 3.9202 by changing the saturation by 10% instead.

■ 137.5300,
-47.5893, 3.9202

■ 137.5300,
-47.5893, 3.9202

■ 255.0000, 0.0000,
0.0000

■ 110.2050,
-51.3731, 4.2052

■ 192.1280,
-47.8841, 5.1497

■ 86.7730, -42.7791,
1.0761

■ 220.1990,
-48.9051, 5.9645

■ 65.2100, -32.1485,
-1.9382

■ 242.8020,
-46.7374, 10.6976

■ 43.6360, -21.5125,
-6.6968

■ 245.9940,
-34.5070, 7.8983

■ 23.2360, -11.4553,
-12.4850

■ 249.1860,
-22.2767, 5.0989

■ 2.9350, -1.4470,
-2.5740

■ 252.4920, -9.6096,

■ 0.0000, 0.0000,

2.1995

0.0000

■ 137.5300,
-47.5893, 3.9202

■ 137.5300,
-47.5893, 3.9202

■ 135.2220,
-53.8464, 4.1903

■ 139.8380,
-41.3321, 3.6501

■ 133.0990,
-60.6878, 5.1752

■ 141.9610,
-34.4908, 2.6652

■ 131.6600,
-64.9084, 5.5602

■ 144.2690,
-28.2336, 2.3951

■ 146.6910,
-21.5397, 2.0250

■ 148.7000,
-15.1351, 1.1401

■ 151.0080, -8.8779,
0.8700

■ 153.1310, -2.0366,
-0.1149

■ 155.4390, 4.2206,
-0.3850

■ 157.8610, 10.9145,
-0.7551

Harmonies

Analogous

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



141.9630, -50.7608, 41.2514



137.5300, -47.5893, 3.9202



129.8520, -26.0560, -42.8432

Triad

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



137.5300, -47.5893, 3.9202



123.4510, 49.0777, -108.2665



147.6820, 9.5238, 72.1929

Complementary

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



137.5300, -47.5893, 3.9202



57.4700, 47.5893, -3.9202

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.



151.0590, 31.0299, 34.1513



137.5300, -47.5893, 3.9202



120.7900, 61.7285, -105.9328

Square

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



137.5300, -47.5893, 3.9202



120.7830, 28.7010, -105.9267



144.5550, 48.5334, -26.7967



143.9720, -13.7902, 83.3396

Rectangle

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



137.5300, -47.5893, 3.9202



111.6290, -1.2961, -97.8986



144.5550, 48.5334, -26.7967



148.9780, 17.2658, 62.2863

Sweetspot

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



137.5300, -47.5893, 3.9202



194.7880, -18.6295, 1.9399



81.2440, -19.8403, 63.8070



98.0250, -11.3513, 0.8551



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.



137.5300, -47.5893, 3.9202



175.4400, -74.6599, 6.6301



120.7860, -39.3345, -30.5073



75.7890, -3.3470, 0.1850



119.5550, -58.9406, 4.7753



10.9200, -5.3836, 0.0702

Inverse Universe

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



57.4700, 47.5893, -3.9202



49.8590, 74.5125, -6.0153



74.2140, 39.3345, 30.5073



70.2110, 3.3470, -0.1850



20.4450, 58.9406, -4.7753



1.7810, 5.5310, -0.6849

Previews

White Background



This preview shows how the YUV color 137.5300, -47.5893, 3.9202 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 137.5300, -47.5893, 3.9202 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 137.5300, -47.5893, 3.9202

Background



This preview shows how black text looks on a background with the YUV color 137.5300, -47.5893, 3.9202.



This preview shows how white text looks on a background with the YUV color 137.5300, -47.5893, 3.9202.

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

137.5300, -47.5893, 3.9202

Protanopia

139.7710, -49.6801, 21.2488

Deuteranopia

141.6680, -46.6713, 36.2482



Tritanopia

147.9450, 3.4781, 4.4332

Trichromacy



Original Color

137.5300, -47.5893, 3.9202

Protanomaly

139.2540, -48.9322, 14.6862

Deuteranomaly

139.8900, -46.7808, 24.6525

Tritanomaly

144.4230, -14.9985, 4.0140

Monochromacy



Original Color

137.5300, -47.5893, 3.9202

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.8310, -17.1717, 1.0252

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.5300, -47.5893, 3.9202 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(142, 154, 41)` looks like.

```
.text, #text, p{  
    color:rgb(142, 154, 41)  
}
```

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(142, 154, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 154, 41) }
```

Border

The CSS property to change the border of an element to YUV 137.5300, -47.5893, 3.9202 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(142, 154, 41) }
```


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

```
.border{ border-color:rgb(142, 154, 41) }
```

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

Here you see how a box with a 4 pixel rgb(142, 154, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 154, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 154, 41);  
box-shadow:4px 4px 4px 4px rgb(142, 154,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 137.5300, -47.5893, 3.9202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 154, 41) }
```

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

```
.background{ background-color: rgb(142,  
154, 41) }
```

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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