

Converting Colors

YUV(138.1940, -47.9166,
15.6159)

Have a look what the booklet for
YUV(138.1940, -47.9166, 15.6159)
contains.

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Color

**YUV(138.1940, -47.9166,
15.6159)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9429
RGB	156, 148, 41
RGB Percent	61%, 58%, 16%
CMY	0.3882, 0.4196, 0.8392
CMYK	0.00, 0.05, 0.74, 0.39
HSL	56°, 58%, 39%
HSV	56°, 74%, 61%
XYZ	24.7004, 28.4078, 6.2792
YIQ	138.1940, 39.1150, -31.5810

Conversions

Conversions Part 2

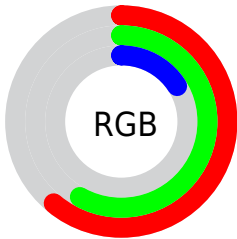
Format	Color
RYB	50, 156, 41
Decimal	10261545
CIELab	60.26, -9.61, 54.20
CIELCh	60, 55.050, 100.056
Yxy	28.4078, 0.4159, 0.4783
Android (android.graphics.Color)	4288451625 (0xFF9C9429)
YUV	138.1940, -47.9166, 15.6159
Hunter-Lab	53.2990, -10.5507, 30.3243

Details

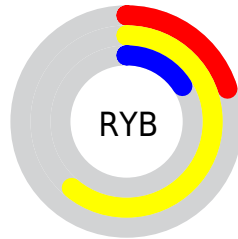
The YUV color **138.1940, -47.9166, 15.6159** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **58.8060, 47.9166, -15.6159**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.9770, -48.7957, 17.5602**, and **87.7250, -43.2484, 11.6422** is the 20% darker color. If you saturate the color by 10%, you get **135.7830, -54.6160, 17.7303**, and if you desaturate by 10%, it is **140.6050, -41.2173, 13.5014**.

Distribution



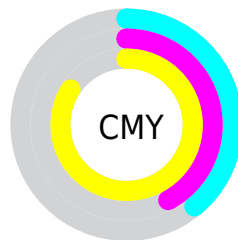
- Red (61%)
- Green (58%)
- Blue (16%)



- Red (20%)
- Yellow (61%)
- Blue (16%)



- Cyan (0%)
- Magenta (5%)
- Yellow (74%)
- Black (39%)



- Cyan (39%)
- Magenta (42%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.1940, -47.9166, 15.6159 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 138.1940, -47.9166, 15.6159 by changing the saturation by 10% instead.

■ 138.1940,
-47.9166, 15.6159

■ 138.1940,
-47.9166, 15.6159

■ 255.0000, 0.0000,
0.0000

■ 110.6840,
-51.1162, 15.1861

■ 192.9770,
-48.7957, 17.5602

■ 87.7250, -43.2484,
11.6422

■ 221.4610,
-49.5273, 18.8897

■ 65.8630, -32.4705,
8.0131

■ 242.8020,
-46.7374, 10.6976

■ 45.1750, -22.2713,
3.3545

■ 245.8800,
-34.9438, 7.9982

■ 25.6720, -12.6563,
-0.5893

■ 249.0720,
-22.7135, 5.1989

■ 1.1740, -0.5788,
-1.0296

■ 252.3780,

■ 0.0000, 0.0000,

-10.0464, 2.2995

0.0000

■ 138.1940,
-47.9166, 15.6159

■ 138.1940,
-47.9166, 15.6159

■ 135.7830,
-54.6160, 17.7303

■ 140.6050,
-41.2173, 13.5014

■ 133.4860,
-60.8786, 19.7448

■ 142.9020,
-34.9547, 11.4869

■ 131.7590,
-64.9572, 21.2594

■ 145.3130,
-28.2553, 9.3725

■ 147.6100,
-21.9927, 7.3580

■ 150.0210,
-15.2934, 5.2436

■ 153.0190, -8.8834,
2.6143

■ 155.3160, -2.6208,
0.5999

■ 157.7270, 4.0786,
-1.5146

■ 160.0240, 10.3412,
-3.5290

Harmonies

Analogous

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



141.9130, -44.8201, 49.1883



138.1940, -47.9166, 15.6159



132.3550, -32.2200, -25.7443

Triad

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



138.1940, -47.9166, 15.6159



121.6270, 42.0889, -106.6669



147.7990, 15.3821, 59.8123

Complementary

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



138.1940, -47.9166, 15.6159



58.8060, 47.9166, -15.6159

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.



148.9860, 35.0099, 17.5523



138.1940, -47.9166, 15.6159



120.2370, 57.0712, -105.4478

Square

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



138.1940, -47.9166, 15.6159



117.5570, 21.4174, -103.0975



136.8080, 51.3667, -48.9436



144.1870, -6.5012, 78.7660

Rectangle

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



138.1940, -47.9166, 15.6159



122.9340, -13.7715, -63.0861



136.8080, 51.3667, -48.9436



148.8560, 22.2560, 48.3613

Sweetspot

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



138.1940, -47.9166, 15.6159



197.1090, -18.7877, 6.0434



76.5250, -12.5838, 69.6996



97.7480, -11.2148, 3.7290



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.



138.1940, -47.9166, 15.6159



176.4360, -75.1509, 24.1736



128.5380, -43.1562, -18.0118



78.0880, -3.4944, 0.7998



120.8280, -59.5682, 19.4448



12.7030, -6.2626, 2.0145

Inverse Universe

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



58.8060, 47.9166, -15.6159



52.1510, 74.8616, -24.6884



68.4620, 43.1562, 18.0118



72.4990, 3.2050, -1.3146



22.1720, 59.5682, -19.4448



2.2970, 6.2626, -2.0145

Previews

White Background



This preview shows how the YUV color 138.1940, -47.9166, 15.6159 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 138.1940, -47.9166, 15.6159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

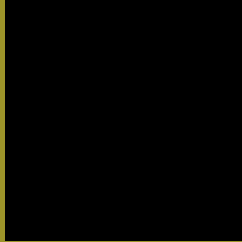
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.1940, -47.9166, 15.6159

Background



This preview shows how black text looks on a background with the YUV color 138.1940, -47.9166, 15.6159.



This preview shows how white text looks on a background with the YUV color 138.1940, -47.9166, 15.6159.

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

138.1940, -47.9166, 15.6159

Protanopia

138.9990, -48.8065, 21.0489

Deuteranopia

140.5540, -47.1081, 36.3481



Tritanopia

147.3270, 0.8248, 15.4992

Trichromacy



Original Color

138.1940, -47.9166, 15.6159

Protanomaly

138.6890, -48.6537, 18.6897

Deuteranomaly

140.0970, -47.3758, 28.8559

Tritanomaly

144.3320, -16.9257, 15.4948

Monochromacy



Original Color

138.1940, -47.9166, 15.6159

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.4510, -17.4773, 5.7435

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.1940, -47.9166, 15.6159 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(156, 148, 41)` looks like.

```
.text, #text, p{  
    color:rgb(156, 148, 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(156, 148, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 148, 41) }
```

Border

The CSS property to change the border of an element to YUV 138.1940, -47.9166, 15.6159 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(156, 148, 41) }
```


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

```
.border{ border-color:rgb(156, 148, 41) }
```

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

Here you see how a box with a 4 pixel rgb(156, 148, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 148, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 148, 41);  
box-shadow:4px 4px 4px 4px rgb(156, 148,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 138.1940, -47.9166, 15.6159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 148, 41) }
```

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

```
.background{ background-color: rgb(156,  
148, 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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