

Converting Colors

YUV(147.8230, -41.8177,
19.4492)

Have a look what the booklet for
YUV(147.8230, -41.8177, 19.4492)
contains.

YUV(147.8230, -41.8177, 19.4492)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(147.8230, -41.8177,
19.4492)**

Conversions

Conversions Part 1

Format	Color
Hex	AA993F
RGB	170, 153, 63
RGB Percent	67%, 60%, 25%
CMY	0.3333, 0.4000, 0.7529
CMYK	0.00, 0.10, 0.63, 0.33
HSL	50°, 46%, 46%
HSV	50°, 63%, 67%
XYZ	28.8660, 31.6874, 9.2975
YIQ	147.8230, 39.0220, -24.3860

Conversions

Conversions Part 2

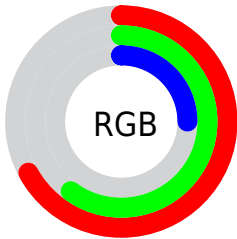
Format	Color
RYB	83, 170, 63
Decimal	11180351
CIELab	63.08, -4.79, 48.28
CIELCh	63, 48.517, 95.666
Yxy	31.6874, 0.4133, 0.4536
Android (android.graphics.Color)	4289370431 (0xFFAA993F)
YUV	147.8230, -41.8177, 19.4492
Hunter-Lab	56.2916, -6.9764, 29.6113

Details

The YUV color **147.8230, -41.8177, 19.4492** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **85.1770, 41.8177, -19.4492**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.6770, -43.7178, 22.2083**, and **94.9430, -43.8489, 17.5900** is the 20% darker color. If you saturate the color by 10%, you get **144.1240, -48.3751, 22.6933**, and if you desaturate by 10%, it is **151.5220, -35.2603, 16.2052**.

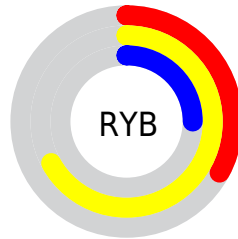
Distribution



Red (67%)

Green (60%)

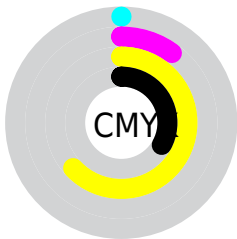
Blue (25%)



Red (33%)

Yellow (67%)

Blue (25%)

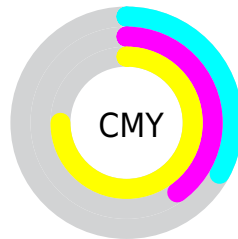


Cyan (0%)

Magenta (10%)

Yellow (63%)

Black (33%)



Cyan (33%)

Magenta (40%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.8230, -41.8177, 19.4492 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 147.8230, -41.8177, 19.4492 by changing the saturation by 10% instead.

■ 147.8230,
-41.8177, 19.4492

■ 147.8230,
-41.8177, 19.4492

255.0000, 0.0000,
0.0000

■ 121.2250,
-41.5229, 18.2197

■ 202.6770,
-43.7178, 22.2083

■ 94.9430, -43.8489,
17.5900

■ 230.2640,
-44.0072, 21.6935

■ 72.6850, -35.8337,
13.4313

■ 245.0820,
-38.0014, 8.6981

■ 51.7090, -25.4925,
9.9022

■ 248.2740,
-25.7711, 5.8987

■ 31.9070, -15.7302,
5.3436

■ 251.4660,
-13.5407, 3.0993

■ 9.7130, -4.7885,
-4.1333

254.7720, -0.8736,

■ 0.0000, 0.0000,

0.2000

0.0000

■ 147.8230,
-41.8177, 19.4492

■ 147.8230,
-41.8177, 19.4492

■ 144.1240,
-48.3751, 22.6933

■ 151.5220,
-35.2603, 16.2052

■ 141.0120,
-55.2219, 25.4225

■ 154.6340,
-28.4136, 13.4760

■ 137.3130,
-61.7793, 28.6665

■ 158.3330,
-21.8562, 10.2320

■ 134.7710,
-66.4421, 30.8958

■ 162.0320,
-15.2988, 6.9879

■ 165.7310, -8.7414,
3.7439

■ 168.8430, -1.8946,
1.0147

■ 172.5420, 4.6628,
-2.2293

■ 176.2410, 11.2202,
-5.4734

■ 179.3530, 18.0670,
-8.2026

Harmonies

Analogous

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



151.0360, -37.9787, 48.2034



147.8230, -41.8177, 19.4492



143.3500, -31.2315, -16.0929

Triad

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



147.8230, -41.8177, 19.4492



124.5790, 38.1686, -109.2558



156.5480, 15.9988, 48.6314

Complementary

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



147.8230, -41.8177, 19.4492



85.1770, 41.8177, -19.4492

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.



156.3610, 32.8530, 9.3304



147.8230, -41.8177, 19.4492



124.3630, 52.5720, -109.0664

Square

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



147.8230, -41.8177, 19.4492



120.3780, 19.5336, -105.5715



145.3260, 45.6883, -47.6439



154.1040, -3.9953, 68.3148

Rectangle

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



147.8230, -41.8177, 19.4492



137.4310, -17.4675, -44.2280



145.3260, 45.6883, -47.6439



157.3770, 21.9991, 37.3804

Sweetspot

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



147.8230, -41.8177, 19.4492



213.1030, -16.3198, 7.8027



97.0450, -7.9102, 63.9815



106.6880, -10.1992, 4.6586



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



147.8230, -41.8177, 19.4492



186.8850, -66.0053, 30.7959



147.0380, -41.4307, -11.4343



82.5010, -3.2050, 1.3146



117.0400, -57.7007, 27.1519



15.9590, -7.8678, 3.5440

Inverse Universe

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



85.1770, 41.8177, -19.4492



88.1150, 66.0053, -30.7959



85.9620, 41.4307, 11.4343



77.4990, 3.2050, -1.3146



30.3730, 57.9901, -26.6371



4.0410, 7.8678, -3.5440

Previews

White Background



This preview shows how the YUV color 147.8230, -41.8177, 19.4492 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 147.8230, -41.8177, 19.4492 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 ✓ Pass

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

YUV 147.8230, -41.8177, 19.4492

Background



This preview shows how black text looks on a background with the YUV color 147.8230, -41.8177, 19.4492.



This preview shows how white text looks on a background with the YUV color 147.8230, -41.8177, 19.4492.

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

147.8230, -41.8177, 19.4492

Protanopia

147.8230, -41.8177, 19.4492

Deuteranopia

149.0360, -41.4297, 35.0484



Tritanopia

155.4200, -0.2071, 19.8027

Trichromacy



Original Color

147.8230, -41.8177, 19.4492

Protanomaly

147.8230, -41.8177, 19.4492

Deuteranomaly

148.5900, -41.7029, 29.3006

Tritanomaly

152.5220, -15.0473, 19.7132

Monochromacy



Original Color

147.8230, -41.8177, 19.4492

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.0320, -15.2988, 6.9879

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.8230, -41.8177, 19.4492 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(170, 153, 63)` looks like.

```
.text, #text, p{  
    color:rgb(170, 153, 63)  
}
```

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(170, 153, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 153, 63) }
```

Border

The CSS property to change the border of an element to YUV 147.8230, -41.8177, 19.4492 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(170, 153, 63) }
```


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

```
.border{ border-color:rgb(170, 153, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 153, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 153, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 153, 63);  
box-shadow:4px 4px 4px 4px rgb(170, 153,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 147.8230, -41.8177, 19.4492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 153, 63) }
```

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

```
.background{ background-color: rgb(170,  
153, 63) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor