

Converting Colors

YUV(152.4700, -36.7137,
-31.1072)

Have a look what the booklet for
YUV(152.4700, -36.7137, -31.1072)
contains.

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Color

**YUV(152.4700, -36.7137,
-31.1072)**

Conversions

Conversions Part 1

Format	Color
Hex	75B94E
RGB	117, 185, 78
RGB Percent	46%, 73%, 31%
CMY	0.5412, 0.2745, 0.6941
CMYK	0.37, 0.00, 0.58, 0.27
HSL	98°, 43%, 52%
HSV	98°, 58%, 73%
XYZ	26.0602, 39.0299, 13.3677
YIQ	152.4700, -6.1810, -47.6930

Conversions

Conversions Part 2

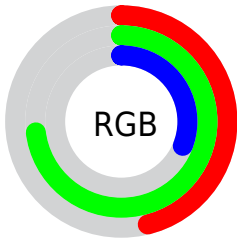
Format	Color
RYB	78, 185, 146
Decimal	7715150
CIELab	68.77, -40.58, 46.76
CIElCh	69, 61.908, 130.950
Yxy	39.0299, 0.3322, 0.4975
Android (android.graphics.Color)	4285905230 (0xFF75B94E)
YUV	152.4700, -36.7137, -31.1072
Hunter-Lab	62.4739, -34.8702, 31.0453

Details

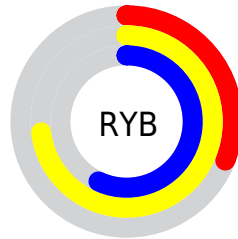
The YUV color **152.4700, -36.7137, -31.1072** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **110.5300, 36.7137, 31.1072**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6010, -38.7503, -31.2221**, and **98.2850, -36.1295, -31.8219** is the 20% darker color. If you saturate the color by 10%, you get **146.8300, -42.8072, -36.6849**, and if you desaturate by 10%, it is **158.2240, -30.1834, -25.6294**.

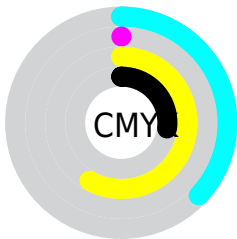
Distribution



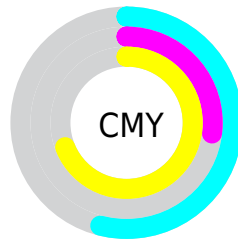
- Red (46%)
- Green (73%)
- Blue (31%)



- Red (31%)
- Yellow (73%)
- Blue (57%)



- Cyan (37%)
- Magenta (0%)
- Yellow (58%)
- Black (27%)



- Cyan (54%)
- Magenta (27%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.4700, -36.7137, -31.1072 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 152.4700, -36.7137, -31.1072 by changing the saturation by 10% instead.

■ 152.4700,
-36.7137, -31.1072

■ 152.4700,
-36.7137, -31.1072

■ 255.0000, 0.0000,
0.0000

■ 125.5840,
-36.2769, -31.2072

■ 208.6010,
-38.7503, -31.2221

■ 98.2850, -36.1295,
-31.8219

■ 227.6820,
-34.8462, -23.4001

■ 72.0890, -35.5399,
-34.2811

■ 239.5450,
-26.8907, -8.3710

■ 47.5470, -23.4407,
-41.6987

■ 250.2120,
-18.3455, 4.1991

■ 33.4590, -16.4953,
-29.3435

■ 253.5180, -5.6784,
1.2997

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,

0.0000

■ 152.4700,
-36.7137, -31.1072

■ 152.4700,
-36.7137, -31.1072

■ 146.8300,
-42.8072, -36.6849

■ 158.2240,
-30.1834, -25.6294

■ 141.0760,
-49.3375, -42.1627

■ 163.8640,
-24.0900, -20.0517

■ 135.6210,
-56.0152, -47.0256

■ 169.2050,
-17.8491, -15.0888

■ 129.9810,
-62.1086, -52.6033

■ 174.9590,
-11.3188, -9.6110

■ 128.6280,
-63.4136, -54.0478

■ 180.7130, -4.7885,
-4.1333

■ 186.3530, 1.3050,
1.4444

■ 191.8080, 7.9827,
6.3074

■ 197.4480, 14.0761,
11.8851

■ 203.2020, 20.6064,
17.3628

Harmonies

Analogous

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



158.9570, -55.1948, 16.7007



152.4700, -36.7137, -31.1072



127.9970, 0.4945, -112.2534

Triad

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



152.4700, -36.7137, -31.1072



137.0780, 58.1355, -120.2174



161.3230, -6.0752, 82.1547

Complementary

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



152.4700, -36.7137, -31.1072



110.5300, 36.7137, 31.1072

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.



170.7340, 17.3861, 70.3933



152.4700, -36.7137, -31.1072



156.1020, 48.7567, -51.8325

Square

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



152.4700, -36.7137, -31.1072



140.6510, 48.9791, -123.3509



172.5720, 39.6510, 22.3004



163.6130, -32.8402, 80.1464

Rectangle

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



152.4700, -36.7137, -31.1072



133.6170, 16.9508, -117.1821



172.5720, 39.6510, 22.3004



163.4890, 2.2239, 80.2551

Sweetspot

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



152.4700, -36.7137, -31.1072



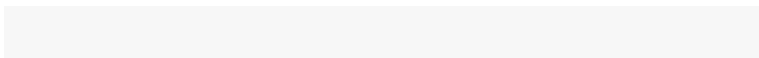
227.5520, -14.0761, -11.8851



149.9090, -35.4511, 30.7748



112.7790, -8.2720, -6.8222



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



152.4700, -36.7137, -31.1072



189.6810, -57.0307, -47.9552



142.4050, -24.8497, -56.4832



89.1800, -3.0467, -2.7889



108.6150, -53.5472, -45.2664



19.4260, -9.5770, -8.2666

Inverse Universe

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



110.5300, 36.7137, 31.1072



124.3190, 57.0307, 47.9552



120.5950, 24.8497, 56.4832



85.5210, 3.1941, 2.1741



47.3850, 53.5472, 45.2664



8.5740, 9.5770, 8.2666

Previews

White Background



This preview shows how the YUV color 152.4700, -36.7137, -31.1072 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 152.4700, -36.7137, -31.1072 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 152.4700, -36.7137, -31.1072 Background



This preview shows how black text looks on a background with the YUV color 152.4700, -36.7137, -31.1072.



This preview shows how white text looks on a background with the YUV color 152.4700, -36.7137, -31.1072.

-31.1072.

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

152.4700, -36.7137, -31.1072

Protanopia

161.9650, -43.8597, 21.0787

Deuteranopia

164.3180, -39.1038, 35.6781



Tritanopia

163.6360, 12.0115, -25.9908

Trichromacy



Original Color

152.4700, -36.7137, -31.1072

Protanomaly

158.8270, -41.3267, 1.9057

Deuteranomaly

159.6910, -38.3017, 11.6720

Tritanomaly

159.6300, -5.7336, -27.7395

Monochromacy



Original Color

152.4700, -36.7137, -31.1072

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.0790, -13.3499, -11.4703

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.4700, -36.7137, -31.1072 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(117, 185, 78)` looks like.

```
.text, #text, p{  
    color:rgb(117, 185, 78)  
}
```

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(117, 185, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 185, 78) }
```

Border

The CSS property to change the border of an element to YUV 152.4700, -36.7137, -31.1072 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(117, 185, 78) }
```


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

```
.border{ border-color:rgb(117, 185, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 185, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 185, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 185, 78);  
box-shadow:4px 4px 4px 4px rgb(117, 185,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 152.4700, -36.7137, -31.1072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 185, 78) }
```

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

```
.background{ background-color: rgb(117,  
185, 78) }
```

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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