

Converting Colors

YUV(150.4510, -44.0993,
51.3475)

Have a look what the booklet for
YUV(150.4510, -44.0993, 51.3475)
contains.

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Color

**YUV(150.4510, -44.0993,
51.3475)**

Conversions

Conversions Part 1

Format	Color
Hex	D18A3D
RGB	209, 138, 61
RGB Percent	82%, 54%, 24%
CMY	0.1804, 0.4588, 0.7608
CMYK	0.00, 0.34, 0.71, 0.18
HSL	31°, 62%, 53%
HSV	31°, 71%, 82%
XYZ	36.2253, 32.0692, 8.6956
YIQ	150.4510, 67.0330, -8.8950

Conversions

Conversions Part 2

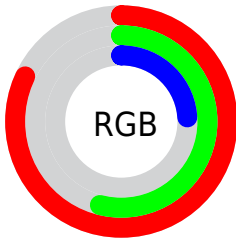
Format	Color
RYB	197, 209, 61
Decimal	13732413
CIELab	63.40, 20.28, 50.77
CIELCh	63, 54.668, 68.230
Yxy	32.0692, 0.4705, 0.4165
Android (android.graphics.Color)	4291922493 (0xFFD18A3D)
YUV	150.4510, -44.0993, 51.3475
Hunter-Lab	56.6297, 15.0823, 30.5367

Details

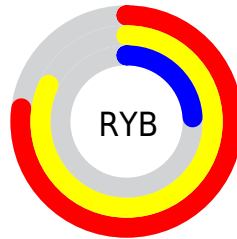
The YUV color **150.4510, -44.0993, 51.3475** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **119.5490, 44.0993, -51.3475**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.7170, -44.2305, 46.7292**, and **96.9620, -45.8303, 46.5143** is the 20% darker color. If you saturate the color by 10%, you get **142.1870, -50.3782, 58.5950**, and if you desaturate by 10%, it is **158.7150, -37.8205, 44.0999**.

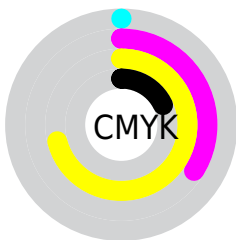
Distribution



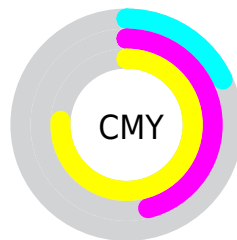
- Red (82%)
- Green (54%)
- Blue (24%)



- Red (77%)
- Yellow (82%)
- Blue (24%)



- Cyan (0%)
- Magenta (34%)
- Yellow (71%)
- Black (18%)



- Cyan (18%)
- Magenta (46%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.4510, -44.0993, 51.3475 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 150.4510, -44.0993, 51.3475 by changing the saturation by 10% instead.

150.4510,
-44.0993, 51.3475

150.4510,
-44.0993, 51.3475

255.0000, 0.0000,
0.0000

123.2550,
-43.5097, 48.8884

201.7170,
-44.2305, 46.7292

96.9620, -45.8303,
46.5143

220.5300,
-40.6873, 30.2302

73.7470, -36.3573,
41.4409

240.7450,
-36.8493, 12.5016

52.4610, -25.8633,
35.5527

247.9320,
-27.0815, 6.1986

31.1750, -15.3693,
29.6645

251.2380,
-14.4143, 3.2993

12.2590, -6.0437,
25.2059

254.5440, -1.7472,

0.0000, 0.0000,

0.3999

0.0000

■ 150.4510,
-44.0993, 51.3475

■ 150.4510,
-44.0993, 51.3475

■ 142.1870,
-50.3782, 58.5950

■ 158.7150,
-37.8205, 44.0999

■ 133.9230,
-56.6570, 65.8425

■ 166.9790,
-31.5416, 36.8524

■ 126.4740,
-62.3517, 72.3753

■ 175.2430,
-25.2628, 29.6049

■ 183.5070,
-18.9840, 22.3574

■ 191.7710,
-12.7051, 15.1098

■ 199.9210, -6.8631,
7.9623

■ 208.1850, -0.5842,
0.7148

■ 216.4490, 5.6946,
-6.5328

■ 224.7130, 11.9735,
-13.7803

Harmonies

Analogous

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



151.9480, -27.5824, 73.7136



150.4510, -44.0993, 51.3475



146.9170, -47.7801, 18.4898

Triad

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



150.4510, -44.0993, 51.3475



123.4100, 20.9969, -108.2306



157.4910, 35.7469, 14.4784

Complementary

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



150.4510, -44.0993, 51.3475



119.5490, 44.0993, -51.3475

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.



144.3130, 52.1037, -52.0175



150.4510, -44.0993, 51.3475



127.4800, 41.6684, -111.8000

Square

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



150.4510, -44.0993, 51.3475



123.4240, -3.6600, -86.3178



126.3180, 57.5242, -110.7809



157.1300, 16.6979, 57.7680

Rectangle

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



150.4510, -44.0993, 51.3475



143.4020, -40.1312, -8.2456



126.3180, 57.5242, -110.7809



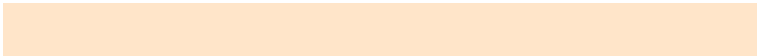
155.5640, 41.6269, -4.8796

Sweetspot

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



150.4510, -44.0993, 51.3475



233.5820, -16.0629, 18.7836



113.4600, 9.6332, 83.7886



114.9600, -9.3473, 11.4361



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



150.4510, -44.0993, 51.3475



169.2140, -64.6885, 75.2343



191.5300, -64.3513, 13.5672



100.8110, -3.3578, 3.6738



101.8880, -50.2308, 57.9802



24.5860, -12.1209, 14.3951

Inverse Universe

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



119.5490, 44.0993, -51.3475



123.7860, 64.6885, -75.2343



78.4700, 64.3513, -13.5672



98.1890, 3.3578, -3.6738



66.6990, 49.9414, -58.4950



16.4140, 12.1209, -14.3951

Previews

White Background



This preview shows how the YUV color 150.4510, -44.0993, 51.3475 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 150.4510, -44.0993, 51.3475 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 150.4510, -44.0993, 51.3475

Background



This preview shows how black text looks on a background with the YUV color 150.4510, -44.0993, 51.3475.



This preview shows how white text looks on a background with the YUV color 150.4510, -44.0993,

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

150.4510, -44.0993, 51.3475

Protanopia

149.0510, -40.9441, 19.2493

Deuteranopia

149.8360, -44.7821, 36.9778



Tritanopia

156.1420, -8.4510, 50.7415

Trichromacy



Original Color

150.4510, -44.0993, 51.3475

Protanomaly

149.4870, -42.1451, 31.1449

Deuteranomaly

149.9830, -44.3616, 42.1109

Tritanomaly

154.1130, -21.2547, 50.7669

Monochromacy



Original Color

150.4510, -44.0993, 51.3475

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.2830, -15.9155, 18.1688

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.4510, -44.0993, 51.3475 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(209, 138, 61)` looks like.

```
.text, #text, p{  
    color:rgb(209, 138, 61)  
}
```

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(209, 138, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 138, 61) }
```

Border

The CSS property to change the border of an element to YUV 150.4510, -44.0993, 51.3475 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(209, 138, 61) }
```


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

```
.border{ border-color:rgb(209, 138, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 138, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 138, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 138, 61);  
box-shadow:4px 4px 4px 4px rgb(209, 138,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 150.4510, -44.0993, 51.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 138, 61) }
```

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

```
.background{ background-color: rgb(209,  
138, 61) }
```

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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