

Converting Colors

YUV(151.1280, -47.8841,
5.1497)

Have a look what the booklet for
YUV(151.1280, -47.8841, 5.1497)
contains.

YUV(151.1280, -47.8841, 5.1497)	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(151.1280, -47.8841,
5.1497)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA736
RGB	157, 167, 54
RGB Percent	62%, 65%, 21%
CMY	0.3843, 0.3451, 0.7882
CMYK	0.06, 0.00, 0.68, 0.35
HSL	65°, 51%, 43%
HSV	65°, 68%, 65%
XYZ	28.3892, 35.0719, 8.7633
YIQ	151.1280, 30.3130, -37.2630

Conversions

Conversions Part 2

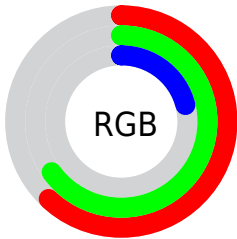
Format	Color
RYB	54, 167, 64
Decimal	10331958
CIELab	65.80, -18.38, 54.69
CIELCh	66, 57.697, 108.575
Yxy	35.0719, 0.3931, 0.4856
Android (android.graphics.Color)	4288522038 (0xFF9DA736)
YUV	151.1280, -47.8841, 5.1497
Hunter-Lab	59.2215, -18.0695, 32.6816

Details

The YUV color **151.1280, -47.8841, 5.1497** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **69.8720, 47.8841, -5.1497**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.4980, -49.0525, 6.5793**, and **98.0030, -48.3155, 3.5054** is the 20% darker color. If you saturate the color by 10%, you get **148.8910, -55.1623, 6.2346**, and if you desaturate by 10%, it is **153.3650, -40.6059, 4.0649**.

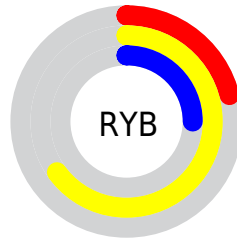
Distribution



Red (62%)

Green (65%)

Blue (21%)



Red (21%)

Yellow (65%)

Blue (25%)

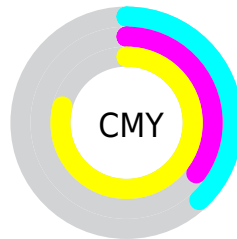


Cyan (6%)

Magenta (0%)

Yellow (68%)

Black (35%)



Cyan (38%)

Magenta (35%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.1280, -47.8841, 5.1497 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 151.1280, -47.8841, 5.1497 by changing the saturation by 10% instead.

■ 151.1280,
-47.8841, 5.1497

■ 151.1280,
-47.8841, 5.1497

■ 255.0000, 0.0000,
0.0000

■ 124.1880,
-48.8997, 4.2201

■ 206.4980,
-49.0525, 6.5793

■ 98.0030, -48.3155,
3.5054

■ 235.2700,
-49.9261, 6.7792

■ 76.1410, -37.5375,
-0.1237

■ 244.2840,
-41.0590, 9.3979

■ 54.2790, -26.7595,
-3.7527

■ 247.4760,
-28.8287, 6.5985

■ 33.8900, -16.7078,
-7.7965

■ 250.7820,
-16.1615, 3.6992

■ 15.2620, -7.5242,
-13.3848

■ 254.0880, -3.4944,

■ 0.0000, 0.0000,

0.7998

0.0000

■ 151.1280,
-47.8841, 5.1497

■ 151.1280,
-47.8841, 5.1497

■ 148.8910,
-55.1623, 6.2346

■ 153.3650,
-40.6059, 4.0649

■ 146.4690,
-61.8562, 6.6047

■ 155.7870,
-33.9120, 3.6948

■ 144.2320,
-69.1344, 7.6895

■ 158.0240,
-26.6338, 2.6100

■ 143.4770,
-70.7342, 7.4747

■ 160.5600,
-19.5031, 2.1399

■ 162.6830,
-12.6617, 1.1550

■ 165.2190, -5.5310,
0.6849

■ 167.4560, 1.7472,
-0.3999

■ 169.9920, 8.8779,
-0.8700

■ 172.1150, 15.7193,
-1.8549

Harmonies

Analogous

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



155.3870, -50.4768, 43.5106



151.1280, -47.8841, 5.1497



143.2220, -27.2244, -41.4137

Triad

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



151.1280, -47.8841, 5.1497



133.1510, 50.7046, -116.7734



161.7960, 9.9606, 72.0929

Complementary

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



151.1280, -47.8841, 5.1497



69.8720, 47.8841, -5.1497

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.



164.8740, 31.6141, 33.4365



151.1280, -47.8841, 5.1497



129.4470, 61.8976, -113.5250

Square

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



151.1280, -47.8841, 5.1497



130.3690, 29.8911, -114.3336



157.1420, 48.2440, -27.3115



158.5700, -14.0850, 84.5691

Rectangle

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



151.1280, -47.8841, 5.1497



122.8950, -1.4272, -102.5169



157.1420, 48.2440, -27.3115



163.0920, 17.7026, 62.1863

Sweetspot

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



151.1280, -47.8841, 5.1497



210.7880, -18.6295, 1.9399



93.0700, -19.2615, 64.8366



106.0250, -11.3513, 0.8551



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



151.1280, -47.8841, 5.1497



192.1520, -74.5179, 7.7597



134.3840, -39.6293, -29.2778



82.7890, -3.3470, 0.1850



127.2410, -62.7298, 6.8046



17.4210, -8.5886, 1.3848

Inverse Universe

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



69.8720, 47.8841, -5.1497



65.8480, 74.5179, -7.7597



86.6160, 39.6293, 29.2778



76.9120, 3.4944, -0.7998



20.7590, 62.7298, -6.8046



2.8780, 8.4411, -0.7700

Previews

White Background



This preview shows how the YUV color 151.1280, -47.8841, 5.1497 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 151.1280, -47.8841, 5.1497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

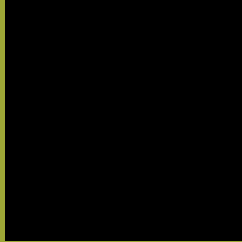
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.1280, -47.8841, 5.1497

Background



This preview shows how black text looks on a background with the YUV color 151.1280, -47.8841, 5.1497.



This preview shows how white text looks on a background with the YUV color 151.1280, -47.8841,

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

151.1280, -47.8841, 5.1497

Protanopia

153.3690, -49.9749, 22.4784

Deuteranopia

155.4510, -47.5503, 38.1925



Tritanopia

160.9560, 3.4727, 6.1776

Trichromacy



Original Color

151.1280, -47.8841, 5.1497

Protanomaly

152.8520, -49.2270, 15.9158

Deuteranomaly

153.6730, -47.6598, 26.5968

Tritanomaly

157.4340, -15.0040, 5.7584

Monochromacy



Original Color

151.1280, -47.8841, 5.1497

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.1300, -17.3191, 1.6400

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.1280, -47.8841, 5.1497 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(157, 167, 54)` looks like.

```
.text, #text, p{  
    color:rgb(157, 167, 54)  
}
```

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(157, 167, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 167, 54) }
```

Border

The CSS property to change the border of an element to YUV 151.1280, -47.8841, 5.1497 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(157, 167, 54) }
```


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

```
.border{ border-color:rgb(157, 167, 54) }
```

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

Here you see how a box with a 4 pixel rgb(157, 167, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 167, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 167, 54);  
box-shadow:4px 4px 4px 4px rgb(157, 167,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 151.1280, -47.8841, 5.1497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 167, 54) }
```

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

```
.background{ background-color: rgb(157,  
167, 54) }
```

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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