

Converting Colors

YUV(117.8630, -42.8235,
-31.4519)

Have a look what the booklet for
YUV(117.8630, -42.8235, -31.4519)
contains.

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Color

**YUV(117.8630, -42.8235,
-31.4519)**

Conversions

Conversions Part 1

Format	Color
Hex	52991F
RGB	82, 153, 31
RGB Percent	32%, 60%, 12%
CMY	0.6784, 0.4000, 0.8784
CMYK	0.46, 0.00, 0.80, 0.40
HSL	95°, 66%, 36%
HSV	95°, 80%, 60%
XYZ	15.1182, 24.6752, 5.2623
YIQ	117.8630, -3.1540, -52.9940

Conversions

Conversions Part 2

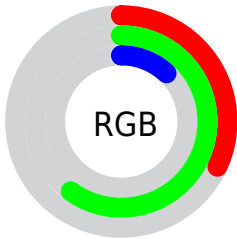
Format	Color
R_{YB}	31, 153, 102
Decimal	5413151
CIE _{Lab}	56.76, -42.70, 52.59
CIE _{LCh}	57, 67.745, 129.073
Yxy	24.6752, 0.3355, 0.5477
Android (android.graphics.Color)	4283603231 (0xFF52991F)
YUV	117.8630, -42.8235, -31.4519
Hunter-Lab	49.6742, -32.6037, 28.4909

Details

The YUV color **117.8630, -42.8235, -31.4519** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **66.1370, 42.8235, 31.4519**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.1620, -42.9709, -30.8371**, and **65.2670, -32.1766, -39.6992** is the 20% darker color. If you saturate the color by 10%, you get **113.4620, -48.0488, -35.4852**, and if you desaturate by 10%, it is **122.2640, -37.5982, -27.4185**.

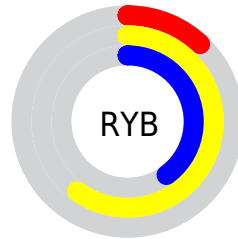
Distribution



Red (32%)

Green (60%)

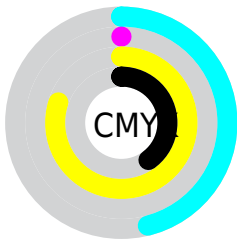
Blue (12%)



Red (12%)

Yellow (60%)

Blue (40%)

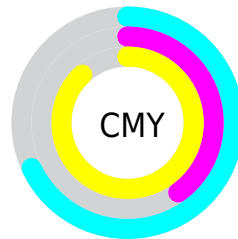


Cyan (46%)

Magenta (0%)

Yellow (80%)

Black (40%)



Cyan (68%)

Magenta (40%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.8630, -42.8235, -31.4519 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 117.8630, -42.8235, -31.4519 by changing the saturation by 10% instead.

■ 117.8630,
-42.8235, -31.4519

■ 117.8630,
-42.8235, -31.4519

■ 255.0000, 0.0000,
0.0000

■ 90.3960, -44.5652,
-32.7963

■ 173.1620,
-42.9709, -30.8371

■ 65.2670, -32.1766,
-39.6992

■ 200.9340,
-43.8445, -30.6371

■ 44.6120, -21.9937,
-39.1247

■ 223.5370,
-41.6767, -25.9039

■ 31.1110, -15.3377,
-27.2843

■ 235.4000,
-33.7212, -10.8748

■ 18.1970, -8.9711,
-15.9588

■ 247.5620,
-25.9131, 4.7691

■ 0.0000, 0.0000,
0.0000

■ 251.4660,

-13.5407, 3.0993

254.7720, -0.8736,
0.2000

■ 117.8630,
-42.8235, -31.4519

■ 117.8630,
-42.8235, -31.4519

■ 113.4620,
-48.0488, -35.4852

■ 122.2640,
-37.5982, -27.4185

■ 108.9470,
-53.7109, -39.4185

■ 126.7790,
-31.9360, -23.4852

■ 131.1800,
-26.7107, -19.4519

■ 135.5810,
-21.4854, -15.4185

■ 139.9820,
-16.2601, -11.3852

■ 144.1980,
-10.4506, -8.0666

■ 148.5990, -5.2253,
-4.0333

■ 153.0000, 0.0000,
0.0000

■ 157.5150, 5.6621,
3.9333

Harmonies

Analogous

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



125.5460, -61.8942, 18.8152



117.8630, -42.8235, -31.4519



104.2940, -6.5539, -91.4658

Triad

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



117.8630, -42.8235, -31.4519



118.5560, 63.3229, -103.9736



128.1170, -3.5087, 98.9984

Complementary

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



117.8630, -42.8235, -31.4519



66.1370, 42.8235, 31.4519

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.



135.0210, 22.1746, 74.5266



117.8630, -42.8235, -31.4519



109.3750, 71.3001, -95.9219

Square

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



117.8630, -42.8235, -31.4519



118.4470, 45.1356, -103.8780



139.6900, 44.0298, 17.8119



129.4830, -32.2831, 88.1534

Rectangle

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



117.8630, -42.8235, -31.4519



110.7290, 10.4866, -97.1093



139.6900, 44.0298, 17.8119



129.7880, 5.5275, 94.0249

Sweetspot

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



117.8630, -42.8235, -31.4519



185.1560, -16.8389, -12.4148



107.9810, -37.9516, 39.4817



91.0240, -9.8718, -7.0370



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



117.8630, -42.8235, -31.4519



144.0370, -67.0662, -49.1444



103.5260, -31.8113, -63.6053



74.5930, -2.7573, -2.2741



99.8210, -49.2118, -35.8000



9.1260, -4.4991, -3.6185

Inverse Universe

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



66.1370, 42.8235, 31.4519



62.9630, 67.0662, 49.1444



80.4740, 31.8113, 63.6053



71.1080, 2.9048, 1.6593



40.4780, 49.0643, 36.4148



3.5750, 4.6465, 3.0037

Previews

White Background



This preview shows how the YUV color 117.8630, -42.8235, -31.4519 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 117.8630, -42.8235, -31.4519 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 117.8630, -42.8235, -31.4519 Background



This preview shows how black text looks on a background with the YUV color 117.8630, -42.8235, -31.4519.



This preview shows how white text looks on a background with the YUV color 117.8630, -42.8235, -31.4519.

-31.4519.

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

117.8630, -42.8235, -31.4519

Protanopia

128.3580, -49.9695, 20.7340

Deuteranopia

131.4550, -43.6083, 33.8040



Tritanopia

131.1090, 11.2853, -26.4056

Trichromacy



Original Color

117.8630, -42.8235, -31.4519

Protanomaly

124.5190, -47.5839, 2.1758

Deuteranomaly

126.7140, -43.2430, 9.8978

Tritanomaly

126.2340, -8.4964, -28.2692

Monochromacy



Original Color

117.8630, -42.8235, -31.4519

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0960, -15.8233, -11.4852

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.8630, -42.8235, -31.4519 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(82, 153, 31)` looks like.

```
.text, #text, p{  
    color:rgb(82, 153, 31)  
}
```

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(82, 153, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 153, 31) }
```

Border

The CSS property to change the border of an element to YUV 117.8630, -42.8235, -31.4519 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(82, 153, 31) }
```


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

```
.border{ border-color:rgb(82, 153, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 153, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 153, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 153, 31);  
box-shadow:4px 4px 4px 4px rgb(82, 153,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 117.8630, -42.8235, -31.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 153, 31) }
```

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

```
.background{ background-color: rgb(82, 153,  
31) }
```

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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