

Converting Colors

YUV(158.1860, -42.4897,
1.5909)

Have a look what the booklet for
YUV(158.1860, -42.4897, 1.5909)
contains.

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Color

**YUV(158.1860, -42.4897,
1.5909)**

Conversions

Conversions Part 1

Format	Color
Hex	A0AE48
RGB	160, 174, 72
RGB Percent	63%, 68%, 28%
CMY	0.3725, 0.3176, 0.7176
CMYK	0.08, 0.00, 0.59, 0.32
HSL	68°, 41%, 48%
HSV	68°, 59%, 68%
XYZ	30.8030, 38.2136, 11.8834
YIQ	158.1860, 24.3980, -34.6900

Conversions

Conversions Part 2

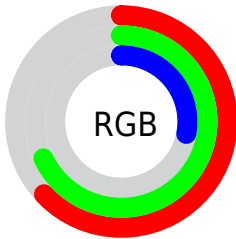
Format	Color
RYB	72, 174, 86
Decimal	10530376
CIELab	68.18, -19.39, 49.56
CIELCh	68, 53.215, 111.371
Yxy	38.2136, 0.3808, 0.4724
Android (android.graphics.Color)	4288720456 (0xFFA0AE48)
YUV	158.1860, -42.4897, 1.5909
Hunter-Lab	61.8171, -19.2349, 31.8744

Details

The YUV color **158.1860, -42.4897, 1.5909** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **87.8140, 42.4897, -1.5909**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4420, -44.0949, 3.1204**, and **105.2460, -43.5053, 0.6613** is the 20% darker color. If you saturate the color by 10%, you get **155.6500, -49.6205, 2.0609**, and if you desaturate by 10%, it is **160.7220, -35.3589, 1.1208**.

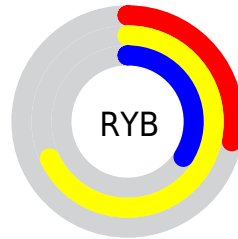
Distribution



Red (63%)

Green (68%)

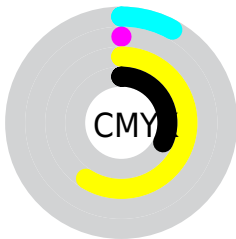
Blue (28%)



Red (28%)

Yellow (68%)

Blue (34%)

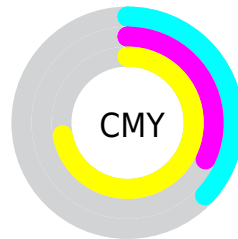


Cyan (8%)

Magenta (0%)

Yellow (59%)

Black (32%)



Cyan (37%)

Magenta (32%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.1860, -42.4897, 1.5909 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 158.1860, -42.4897, 1.5909 by changing the saturation by 10% instead.

■ 158.1860,
-42.4897, 1.5909

■ 158.1860,
-42.4897, 1.5909

■ 255.0000, 0.0000,
0.0000

■ 131.3000,
-42.0529, 1.4909

■ 213.4420,
-44.0949, 3.1204

■ 105.2460,
-43.5053, 0.6613

■ 240.4530,
-44.1003, 4.8647

■ 80.8590, -39.8635,
-0.7533

■ 246.3360,
-33.1966, 7.5983

■ 59.2960, -29.2329,
-3.7676

■ 249.5280,
-20.9663, 4.7989

■ 38.6080, -19.0337,
-8.4262

■ 252.8340, -8.2992,
1.8996

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,

0.0000

■ 158.1860,
-42.4897, 1.5909

■ 158.1860,
-42.4897, 1.5909

■ 155.6500,
-49.6205, 2.0609

■ 160.7220,
-35.3589, 1.1208

■ 152.7010,
-57.0406, 2.0162

■ 163.6710,
-27.9388, 1.1655

■ 150.1650,
-64.1713, 2.4863

■ 166.2070,
-20.8081, 0.6955

■ 147.2160,
-71.5915, 2.4416

■ 169.1560,
-13.3879, 0.7402

■ 146.9880,
-72.4651, 2.6415

■ 171.6920, -6.2572,
0.2701

■ 174.2280, 0.8736,
-0.2000

■ 177.1770, 8.2937,
-0.1552

■ 179.7130, 15.4245,
-0.6253

■ 182.3630, 22.9920,
-1.1954

Harmonies

Analogous

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



162.6790, -46.6767, 37.9925



158.1860, -42.4897, 1.5909



150.6610, -23.0039, -41.7987

Triad

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



158.1860, -42.4897, 1.5909



136.5420, 51.0048, -119.7473



168.8620, 6.4770, 69.4040

Complementary

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



158.1860, -42.4897, 1.5909



87.8140, 42.4897, -1.5909

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.



171.4460, 27.3881, 35.5659



158.1860, -42.4897, 1.5909



131.7950, 60.7401, -115.5842

Square

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



158.1860, -42.4897, 1.5909



134.3300, 32.3753, -117.8074



166.0570, 43.8489, -17.5900



166.0700, -15.8105, 77.9916

Rectangle

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



158.1860, -42.4897, 1.5909



137.5920, -1.7709, -85.5882



166.0570, 43.8489, -17.5900



169.7560, 13.9243, 60.7270

Sweetspot

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



158.1860, -42.4897, 1.5909



220.5320, -17.0243, 0.4104



110.7160, -19.0870, 55.5001



110.9540, -10.3303, 0.0403



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



158.1860, -42.4897, 1.5909



202.2960, -66.2079, 2.3714



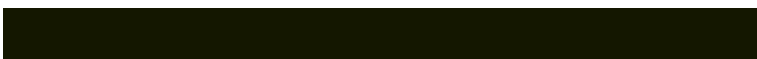
142.9370, -34.9719, -29.7627



85.6750, -3.7838, 0.2850



126.9200, -62.5716, 2.7012



19.4810, -9.6041, 0.4552

Inverse Universe

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



87.8140, 42.4897, -1.5909



92.7040, 66.2079, -2.3714



103.0630, 34.9719, 29.7627



79.3250, 3.7838, -0.2850



23.3790, 62.4242, -2.0864



3.5190, 9.6041, -0.4552

Previews

White Background



This preview shows how the YUV color 158.1860, -42.4897, 1.5909 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 158.1860, -42.4897, 1.5909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

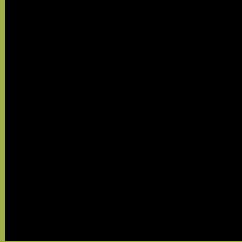
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.1860, -42.4897, 1.5909

Background



This preview shows how black text looks on a background with the YUV color 158.1860, -42.4897, 1.5909.



This preview shows how white text looks on a background with the YUV color 158.1860, -42.4897, 1.5909.

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

158.1860, -42.4897, 1.5909

Protanopia

160.7370, -44.7333, 21.2787

Deuteranopia

162.8190, -42.3088, 36.9927



Tritanopia

166.8740, 4.4991, 3.6185

Trichromacy



Original Color

158.1860, -42.4897, 1.5909

Protanomaly

159.9210, -43.8381, 14.1013

Deuteranomaly

161.3290, -42.5602, 24.2675

Tritanomaly

163.6940, -12.6671, 2.8994

Monochromacy



Original Color

158.1860, -42.4897, 1.5909

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.2870, -15.4245, 0.6253

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.1860, -42.4897, 1.5909 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(160, 174, 72)` looks like.

```
.text, #text, p{  
    color:rgb(160, 174, 72)  
}
```

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(160, 174, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 174, 72) }
```

Border

The CSS property to change the border of an element to YUV 158.1860, -42.4897, 1.5909 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(160, 174, 72) }
```


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

```
.border{ border-color:rgb(160, 174, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 174, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 174, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 174, 72);  
box-shadow:4px 4px 4px 4px rgb(160, 174,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 158.1860, -42.4897, 1.5909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 174, 72) }
```

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

```
.background{ background-color: rgb(160,  
174, 72) }
```

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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