

Converting Colors

YUV(159.4800, -51.5086,
47.8140)

Have a look what the booklet for
YUV(159.4800, -51.5086, 47.8140)
contains.

YUV(159.4800, -51.5086, 47.8140)	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(159.4800, -51.5086,
47.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	D69837
RGB	214, 152, 55
RGB Percent	84%, 60%, 22%
CMY	0.1608, 0.4039, 0.7843
CMYK	0.00, 0.29, 0.74, 0.16
HSL	37°, 66%, 53%
HSV	37°, 74%, 84%
XYZ	39.6494, 37.0284, 8.6719
YIQ	159.4800, 68.0890, -17.0230

Conversions

Conversions Part 2

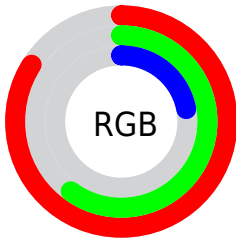
Format	Color
RYB	157, 214, 55
Decimal	14063671
CIELab	67.30, 14.55, 57.57
CIELCh	67, 59.379, 75.814
Yxy	37.0284, 0.4646, 0.4338
Android (android.graphics.Color)	4292253751 (0xFFD69837)
YUV	159.4800, -51.5086, 47.8140
Hunter-Lab	60.8510, 9.8180, 34.1463

Details

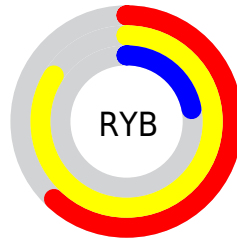
The YUV color **159.4800, -51.5086, 47.8140** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **109.5200, 51.5086, -47.8140**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.4790, -50.0291, 39.9219**, and **105.6320, -52.0766, 43.2957** is the 20% darker color. If you saturate the color by 10%, you get **152.3900, -58.3663, 54.0320**, and if you desaturate by 10%, it is **166.5700, -44.6510, 41.5961**.

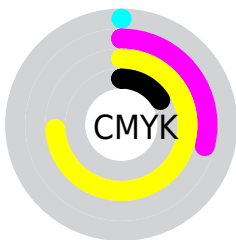
Distribution



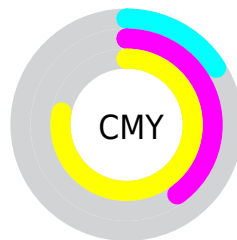
- Red (84%)
- Green (60%)
- Blue (22%)



- Red (62%)
- Yellow (84%)
- Blue (22%)



- Cyan (0%)
- Magenta (29%)
- Yellow (74%)
- Black (16%)



- Cyan (16%)
- Magenta (40%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.4800, -51.5086, 47.8140 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 159.4800, -51.5086, 47.8140 by changing the saturation by 10% instead.

■ 159.4800,
-51.5086, 47.8140

■ 159.4800,
-51.5086, 47.8140

■ 255.0000, 0.0000,
0.0000

■ 132.0560,
-51.7926, 45.5549

■ 209.4790,
-50.0291, 39.9219

■ 105.6320,
-52.0766, 43.2957

■ 228.8790,
-46.7753, 22.9081

■ 82.8730, -40.8564,
37.8224

■ 244.3980,
-40.6222, 9.2980

■ 61.2880, -30.2150,
31.3194

■ 247.5900,
-28.3919, 6.4986

■ 40.3010, -19.8684,
26.0460

■ 250.7820,
-16.1615, 3.6992

■ 20.7870, -10.2480,
20.3578

■ 254.0880, -3.4944,

■ 2.3920, -1.1793,

0.7998

4.9182

■ 0.0000, 0.0000,
0.0000

■ 159.4800,
-51.5086, 47.8140

■ 159.4800,
-51.5086, 47.8140

■ 152.3900,
-58.3663, 54.0320

■ 166.5700,
-44.6510, 41.5961

■ 144.5990,
-65.3713, 60.8647

■ 174.3610,
-37.6460, 34.7634

■ 140.8830,
-69.4553, 64.1236

■ 181.4510,
-30.7883, 28.5455

■ 188.6550,
-23.4939, 22.2276

■ 196.3320,
-16.9257, 15.4948

■ 203.4220,
-10.0680, 9.2769

■ 210.6260, -2.7736,
2.9590

■ 218.3030, 3.7946,
-3.7737

■ 225.5070, 11.0890,
-10.0916

Harmonies

Analogous

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



161.1950, -35.5921, 76.1280



159.4800, -51.5086, 47.8140



155.3520, -50.9525, 9.3383

Triad

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



159.4800, -51.5086, 47.8140



133.3040, 28.4441, -116.9076



168.9490, 34.5351, 29.8627

Complementary

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



159.4800, -51.5086, 47.8140



109.5200, 51.5086, -47.8140

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.



158.5710, 47.5395, -34.7038



159.4800, -51.5086, 47.8140



137.0150, 50.2786, -120.1622

Square

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



159.4800, -51.5086, 47.8140



125.8600, 4.9990, -110.3792



132.9690, 60.1613, -116.6138



166.1920, 12.7233, 72.6226

Rectangle

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



159.4800, -51.5086, 47.8140



151.2540, -39.0722, -21.2708



132.9690, 60.1613, -116.6138



167.5490, 41.1413, 10.9195

Sweetspot

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



159.4800, -51.5086, 47.8140



235.7020, -18.0941, 16.9243



109.8370, 4.5174, 91.3510



116.4930, -11.0890, 10.0916



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.



159.4800, -51.5086, 47.8140



177.4660, -73.6867, 67.9973



191.0900, -67.0924, 6.0601



103.3980, -3.6472, 3.1590



112.1770, -55.3033, 51.5878



28.1190, -13.8627, 13.0506

Inverse Universe

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



109.5200, 51.5086, -47.8140



106.1210, 73.3973, -68.5121



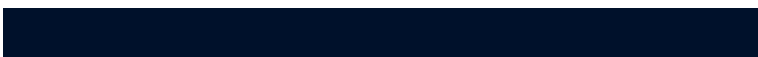
77.9100, 67.0924, -6.0601



100.1890, 3.3578, -3.6738



58.8230, 55.3033, -51.5878



14.8810, 13.8627, -13.0506

Previews

White Background



This preview shows how the YUV color 159.4800, -51.5086, 47.8140 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 159.4800, -51.5086, 47.8140 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 159.4800, -51.5086, 47.8140

Background



This preview shows how black text looks on a background with the YUV color 159.4800, -51.5086, 47.8140.



This preview shows how white text looks on a background with the YUV color 159.4800, -51.5086, 47.8140.

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

159.4800, -51.5086, 47.8140

Protanopia

157.5970, -49.1013, 22.2784

Deuteranopia

159.0230, -51.7763, 40.3218



Tritanopia

166.5760, -6.6930, 46.8528

Trichromacy



Original Color

159.4800, -51.5086, 47.8140

Protanomaly

158.4240, -50.0020, 31.2002

Deuteranomaly

159.3330, -51.9292, 42.6810

Tritanomaly

164.2220, -23.2804, 47.1633

Monochromacy



Original Color

159.4800, -51.5086, 47.8140

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.8870, -18.6783, 17.6391

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.4800, -51.5086, 47.8140 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(214, 152, 55)` looks like.

```
.text, #text, p{  
    color:rgb(214, 152, 55)  
}
```

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(214, 152, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 152, 55) }
```

Border

The CSS property to change the border of an element to YUV 159.4800, -51.5086, 47.8140 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(214, 152, 55) }
```


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

```
.border{ border-color:rgb(214, 152, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 152, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 152, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 152, 55);  
box-shadow:4px 4px 4px 4px rgb(214, 152,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 159.4800, -51.5086, 47.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 152, 55) }
```

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

```
.background{ background-color: rgb(214,  
152, 55) }
```

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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