

Converting Colors

YUV(174.4840, -51.0176,
30.2705)

Have a look what the booklet for
YUV(174.4840, -51.0176, 30.2705)
contains.

YUV(174.4840, -51.0176, 30.2705)	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(174.4840, -51.0176,
30.2705)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B147
RGB	209, 177, 71
RGB Percent	82%, 69%, 28%
CMY	0.1804, 0.3059, 0.7216
CMYK	0.00, 0.15, 0.66, 0.18
HSL	46°, 60%, 55%
HSV	46°, 66%, 82%
XYZ	43.1540, 45.4545, 12.4604
YIQ	174.4840, 53.0980, -26.1820

Conversions

Conversions Part 2

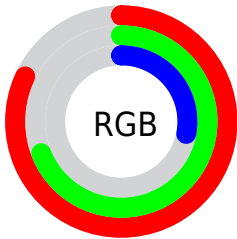
Format	Color
RYB	113, 209, 71
Decimal	13742407
CIELab	73.19, -0.15, 56.68
CIELCh	73, 56.676, 90.148
Yxy	45.4545, 0.4270, 0.4497
Android (android.graphics.Color)	4291932487 (0xFFD1B147)
YUV	174.4840, -51.0176, 30.2705
Hunter-Lab	67.4200, -3.7312, 36.2362

Details

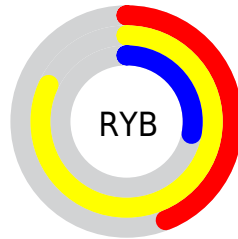
The YUV color **174.4840, -51.0176, 30.2705** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **105.5160, 51.0176, -30.2705**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5650, -50.5645, 24.9375**, and **119.7780, -53.6276, 27.3817** is the 20% darker color. If you saturate the color by 10%, you get **169.1550, -58.7434, 34.9441**, and if you desaturate by 10%, it is **179.8130, -43.2918, 25.5970**.

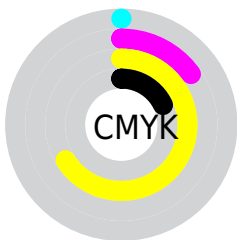
Distribution



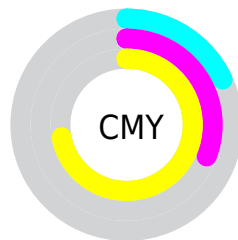
- Red (82%)
- Green (69%)
- Blue (28%)



- Red (44%)
- Yellow (82%)
- Blue (28%)



- Cyan (0%)
- Magenta (15%)
- Yellow (66%)
- Black (18%)



- Cyan (18%)
- Magenta (31%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.4840, -51.0176, 30.2705 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 174.4840, -51.0176, 30.2705 by changing the saturation by 10% instead.

■ 174.4840,
-51.0176, 30.2705

■ 174.4840,
-51.0176, 30.2705

■ 255.0000, 0.0000,
0.0000

■ 146.8860,
-50.7228, 29.0410

■ 226.5650,
-50.5645, 24.9375

■ 119.7780,
-53.6276, 27.3817

■ 243.1440,
-45.4270, 10.3977

■ 95.4770, -47.0702,
24.1377

■ 246.3360,
-33.1966, 7.5983

■ 73.3160, -36.1448,
19.8939

■ 249.5280,
-20.9663, 4.7989

■ 52.3290, -25.7982,
14.6205

■ 252.8340, -8.2992,
1.8996

■ 32.2280, -15.8884,
9.4470

■ 11.2410, -5.5418,

4.1736

■ 0.0000, 0.0000,
0.0000

■ 174.4840,
-51.0176, 30.2705

■ 174.4840,
-51.0176, 30.2705

■ 169.1550,
-58.7434, 34.9441

■ 179.8130,
-43.2918, 25.5970

■ 163.8260,
-66.4692, 39.6176

■ 185.1420,
-35.5660, 20.9235

■ 158.4970,
-74.1950, 44.2911

■ 190.4710,
-27.8402, 16.2499

■ 156.9980,
-77.4000, 45.6058

■ 195.2130,
-19.8250, 12.0912

■ 200.5420,
-12.0992, 7.4177

■ 205.7570, -4.8102,
2.8441

■ 211.0860, 2.9156,
-1.8294

■ 216.4150, 10.6414,
-6.5030

■ 221.2880, 16.6200,
-10.7766

Harmonies

Analogous

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



177.7560, -43.2637, 63.3580



174.4840, -51.0176, 30.2705



169.0380, -41.4307, -11.4343

Triad

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



174.4840, -51.0176, 30.2705



146.5550, 41.1384, -128.5287



185.1060, 23.1187, 51.6500

Complementary

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



174.4840, -51.0176, 30.2705



105.5160, 51.0176, -30.2705

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.



180.9300, 36.5165, 0.9384



174.4840, -51.0176, 30.2705



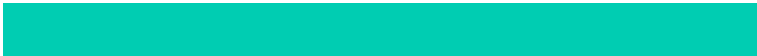
145.2960, 54.0841, -127.4246

Square

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



174.4840, -51.0176, 30.2705



140.6270, 18.4249, -123.3299



160.0900, 46.7906, -74.6239



176.2380, 2.8407, 69.0743

Rectangle

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



174.4840, -51.0176, 30.2705



163.4390, -26.3454, -43.3580



160.0900, 46.7906, -74.6239



185.2550, 30.4403, 36.6104

Sweetspot

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



174.4840, -51.0176, 30.2705



242.1420, -18.8040, 11.2765



115.9100, -6.3646, 81.6399



119.7700, -11.2256, 7.2177



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.



174.4840, -51.0176, 30.2705



204.4970, -74.1950, 44.2911



182.2050, -54.8241, -8.9498



101.9850, -3.9366, 2.6442



125.9550, -62.0958, 36.8735



30.4560, -15.0148, 9.2471

Inverse Universe

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



105.5160, 51.0176, -30.2705



103.9160, 74.4844, -43.7763



97.7950, 54.8241, 8.9498



97.0150, 3.9366, -2.6442



42.0450, 62.0958, -36.8735



9.9570, 15.3042, -8.7323

Previews

White Background



This preview shows how the YUV color 174.4840, -51.0176, 30.2705 looks on a white background.

Color Contrast Check

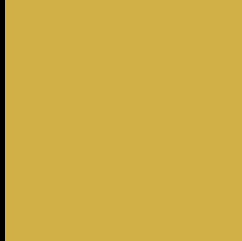
Large Text (above 18pt) WCAG AA × Fail

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 174.4840, -51.0176, 30.2705 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 174.4840, -51.0176, 30.2705

Background



This preview shows how black text looks on a background with the YUV color 174.4840, -51.0176, 30.2705.



This preview shows how white text looks on a background with the YUV color 174.4840, -51.0176, 30.2705.

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

174.4840, -51.0176, 30.2705

Protanopia

173.6680, -50.1223, 23.0932

Deuteranopia

175.6750, -50.6188, 42.3810



Tritanopia

183.0300, -1.9868, 30.6687

Trichromacy



Original Color

174.4840, -51.0176, 30.2705

Protanomaly

173.9780, -50.2752, 25.4523

Deuteranomaly

175.2400, -50.8973, 38.3775

Tritanomaly

180.0350, -19.7373, 30.6643

Monochromacy



Original Color

174.4840, -51.0176, 30.2705

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.2560, -18.3672, 11.1765

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.4840, -51.0176, 30.2705 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, 177, 71)` looks like.

```
.text, #text, p{  
    color:rgb(209, 177, 71)  
}
```

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, 177, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 177, 71) }
```

Border

The CSS property to change the border of an element to YUV 174.4840, -51.0176, 30.2705 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, 177, 71) }
```


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

```
.border{ border-color:rgb(209, 177, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 177, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 177, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 177, 71);  
box-shadow:4px 4px 4px 4px rgb(209, 177,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 174.4840, -51.0176, 30.2705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 177, 71) }
```

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

```
.background{ background-color: rgb(209,  
177, 71) }
```

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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