

Converting Colors

YUV(173.1630, -47.4084,
39.3220)

Have a look what the booklet for
YUV(173.1630, -47.4084, 39.3220)
contains.

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Color

**YUV(173.1630, -47.4084,
39.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	DAA94D
RGB	218, 169, 77
RGB Percent	85%, 66%, 30%
CMY	0.1451, 0.3373, 0.6980
CMYK	0.00, 0.22, 0.65, 0.15
HSL	39°, 66%, 58%
HSV	39°, 65%, 85%
XYZ	44.4410, 43.8172, 13.1364
YIQ	173.1630, 58.7360, -18.2240

Conversions

Conversions Part 2

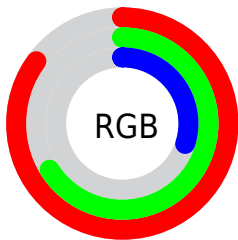
Format	Color
R _{YB}	152, 218, 77
Decimal	14330189
CIE Lab	72.11, 8.31, 53.08
CIE LCh	72, 53.728, 81.103
Yxy	43.8172, 0.4383, 0.4321
Android (android.graphics.Color)	4292520269 (0xFFDAA94D)
YUV	173.1630, -47.4084, 39.3220
Hunter-Lab	66.1945, 3.9989, 34.5700

Details

The YUV color **173.1630, -47.4084, 39.3220** 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 **121.8370, 47.4084, -39.3220**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.4390, -46.0654, 28.5560**, and **118.8420, -47.2501, 35.2186** is the 20% darker color. If you saturate the color by 10%, you get **165.9590, -54.7028, 45.6400**, and if you desaturate by 10%, it is **180.3670, -40.1139, 33.0041**.

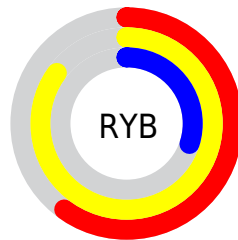
Distribution



Red (85%)

Green (66%)

Blue (30%)



Red (60%)

Yellow (85%)

Blue (30%)

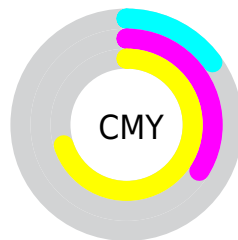


Cyan (0%)

Magenta (22%)

Yellow (65%)

Black (15%)



Cyan (15%)

Magenta (34%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.1630, -47.4084, 39.3220 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 173.1630, -47.4084, 39.3220 by changing the saturation by 10% instead.

■ 173.1630,
-47.4084, 39.3220

■ 173.1630,
-47.4084, 39.3220

■ 255.0000, 0.0000,
0.0000

■ 145.9670,
-46.8187, 36.8629

■ 222.4390,
-46.0654, 28.5560

■ 118.8420,
-47.2501, 35.2186

■ 242.5400,
-42.6642, 10.9274

■ 93.7600, -46.2237,
32.6595

■ 246.9060,
-31.0127, 7.0984

■ 71.3000, -35.1509,
27.8009

■ 250.0980,
-18.7823, 4.2991

■ 50.3130, -24.8043,
22.5275

■ 253.4040, -6.1152,
1.3997

■ 30.7990, -15.1839,
16.8393

■ 8.3610, -4.1220,

15.4694

■ 0.0000, 0.0000,
0.0000

■ 173.1630,
-47.4084, 39.3220

■ 173.1630,
-47.4084, 39.3220

■ 165.9590,
-54.7028, 45.6400

■ 180.3670,
-40.1139, 33.0041

■ 159.3420,
-62.2866, 51.4431

■ 186.9840,
-32.5301, 27.2010

■ 152.2520,
-69.1442, 57.6610

■ 194.0740,
-25.6725, 20.9831

■ 148.5360,
-73.2282, 60.9199

■ 200.6910,
-18.0887, 15.1800

■ 207.8950,
-10.7942, 8.8621

■ 214.5120, -3.2104,
3.0590

■ 221.7160, 4.0840,
-3.2589

■ 228.8060, 10.9416,
-9.4769

■ 233.3710, 10.6631,
-13.4804

Harmonies

Analogous

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



175.9120, -36.4386, 67.6062



173.1630, -47.4084, 39.3220



168.9580, -43.3633, 1.7908

Triad

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



173.1630, -47.4084, 39.3220



142.0410, 33.9968, -124.5700



181.9730, 28.1143, 35.9807

Complementary

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



173.1630, -47.4084, 39.3220



121.8370, 47.4084, -39.3220

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.



175.5040, 39.1915, -17.1050



173.1630, -47.4084, 39.3220



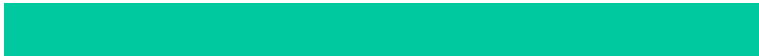
144.3670, 53.0631, -126.6099

Square

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



173.1630, -47.4084, 39.3220



136.2270, 11.7201, -119.4711



142.7370, 55.3457, -112.0253



178.1930, 7.7929, 67.3597

Rectangle

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



173.1630, -47.4084, 39.3220



164.1700, -31.6358, -26.4591



142.7370, 55.3457, -112.0253



181.7690, 34.1309, 19.4966

Sweetspot

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



173.1630, -47.4084, 39.3220



239.5490, -16.0467, 13.5505



124.7450, 0.6187, 81.7846



118.1230, -9.9206, 8.6621



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.



173.1630, -47.4084, 39.3220



191.8110, -66.9548, 55.4168



195.6470, -58.4930, 1.1866



106.3980, -3.6472, 3.1590



118.0580, -58.2026, 48.1841



31.3640, -15.4625, 12.8358

Inverse Universe

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



121.8370, 47.4084, -39.3220



119.1890, 66.9548, -55.4168



99.3530, 58.4930, -1.1866



102.0150, 3.9366, -2.6442



54.9420, 58.2026, -48.1841



14.6360, 15.4625, -12.8358

Previews

White Background



This preview shows how the YUV color 173.1630, -47.4084, 39.3220 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 173.1630, -47.4084, 39.3220 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 173.1630, -47.4084, 39.3220

Background



This preview shows how black text looks on a background with the YUV color 173.1630, -47.4084, 39.3220.



This preview shows how white text looks on a background with the YUV color 173.1630, -47.4084, 39.3220.

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

173.1630, -47.4084, 39.3220

Protanopia

171.9220, -45.3175, 21.9934

Deuteranopia

172.8750, -47.2664, 40.4516



Tritanopia

180.1020, -4.4873, 39.3755

Trichromacy



Original Color

173.1630, -47.4084, 39.3220

Protanomaly

172.4390, -46.0654, 28.5560

Deuteranomaly

172.8750, -47.2664, 40.4516

Tritanomaly

177.6770, -20.0538, 38.8713

Monochromacy



Original Color

173.1630, -47.4084, 39.3220

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.2070, -17.3571, 13.8505

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.1630, -47.4084, 39.3220 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(218, 169, 77)` looks like.

```
.text, #text, p{  
    color:rgb(218, 169, 77)  
}
```

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(218, 169, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 169, 77) }
```

Border

The CSS property to change the border of an element to YUV 173.1630, -47.4084, 39.3220 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(218, 169, 77) }
```


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

```
.border{ border-color:rgb(218, 169, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 169, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 169, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 169, 77);  
box-shadow:4px 4px 4px 4px rgb(218, 169,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 173.1630, -47.4084, 39.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 169, 77) }
```

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

```
.background{ background-color: rgb(218,  
169, 77) }
```

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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