

Converting Colors

YUV(171.0840, -37.5094,
37.6373)

Have a look what the booklet for
YUV(171.0840, -37.5094, 37.6373)
contains.

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Color

**YUV(171.0840, -37.5094,
37.6373)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A45F
RGB	214, 164, 95
RGB Percent	84%, 64%, 37%
CMY	0.1608, 0.3569, 0.6275
CMYK	0.00, 0.23, 0.56, 0.16
HSL	35°, 59%, 61%
HSV	35°, 56%, 84%
XYZ	43.0726, 41.6733, 16.6001
YIQ	171.0840, 51.9490, -10.8590

Conversions

Conversions Part 2

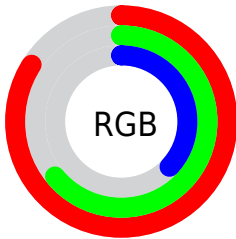
Format	Color
RYB	181, 214, 95
Decimal	14066783
CIELab	70.65, 10.58, 42.54
CIELCh	71, 43.841, 76.032
Yxy	41.6733, 0.4250, 0.4112
Android (android.graphics.Color)	4292256863 (0xFFD6A45F)
YUV	171.0840, -37.5094, 37.6373
Hunter-Lab	64.5548, 6.1286, 29.9422

Details

The YUV color **171.0840, -37.5094, 37.6373** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **137.9160, 37.5094, -37.6373**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5560, -36.7561, 29.3304**, and **117.6320, -35.3146, 33.6487** is the 20% darker color. If you saturate the color by 10%, you get **163.4070, -44.0777, 44.3701**, and if you desaturate by 10%, it is **178.7610, -30.9412, 30.9046**.

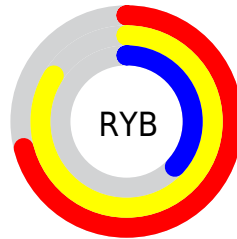
Distribution



Red (84%)

Green (64%)

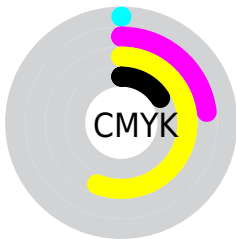
Blue (37%)



Red (71%)

Yellow (84%)

Blue (37%)

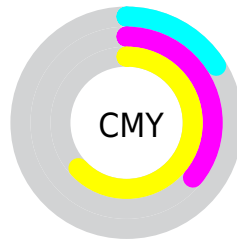


Cyan (0%)

Magenta (23%)

Yellow (56%)

Black (16%)



Cyan (16%)

Magenta (36%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.0840, -37.5094, 37.6373 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 171.0840, -37.5094, 37.6373 by changing the saturation by 10% instead.

■ 171.0840,
-37.5094, 37.6373

■ 171.0840,
-37.5094, 37.6373

255.0000, 0.0000,
0.0000

■ 144.3010,
-36.6304, 35.6930

■ 221.5560,
-36.7561, 29.3304

■ 117.6320,
-35.3146, 33.6487

■ 241.0700,
-33.0655, 12.2166

■ 92.3220, -35.1617,
31.2896

■ 248.9580,
-23.1503, 5.2988

■ 68.3540, -33.6985,
28.6305

■ 252.1500,
-10.9200, 2.4994

■ 47.6660, -23.4993,
23.9719

■ 27.2660, -13.4421,
18.1837

■ 7.4750, -3.6852,

15.3694

■ 0.0000, 0.0000,
0.0000

■ 171.0840,
-37.5094, 37.6373

■ 171.0840,
-37.5094, 37.6373

■ 163.4070,
-44.0777, 44.3701

■ 178.7610,
-30.9412, 30.9046

■ 155.6160,
-51.0827, 51.2028

■ 186.5520,
-23.9361, 24.0719

■ 147.9390,
-57.6509, 57.9355

■ 194.2290,
-17.3679, 17.3392

■ 140.1480,
-64.6560, 64.7682

■ 202.0200,
-10.3629, 10.5065

■ 136.7740,
-67.4296, 67.7272

■ 209.6970, -3.7946,
3.7737

■ 217.3740, 2.7736,
-2.9590

■ 225.1650, 9.7787,
-9.7917

■ 231.5880, 11.5421,
-15.4247

■ 236.8710, 8.9376,
-20.0579

Harmonies

Analogous

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



173.1480, -27.6810, 58.6292



171.0840, -37.5094, 37.6373



167.5380, -36.2542, 8.2982

Triad

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



171.0840, -37.5094, 37.6373



135.8800, 28.1602, -119.1668



177.5000, 25.3895, 23.2405

Complementary

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



171.0840, -37.5094, 37.6373



137.9160, 37.5094, -37.6373

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.



171.8410, 38.0394, -20.9086



171.0840, -37.5094, 37.6373



137.6360, 45.0425, -120.7068

Square

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



171.0840, -37.5094, 37.6373



152.4570, -0.2253, -67.9298



155.6660, 46.5067, -76.8831



177.1050, 7.8362, 53.4049

Rectangle

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



171.0840, -37.5094, 37.6373



164.3440, -28.7636, -14.3337



155.6660, 46.5067, -76.8831



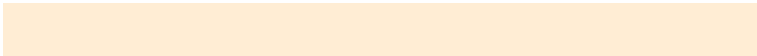
176.2640, 29.9428, 9.4155

Sweetspot

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



171.0840, -37.5094, 37.6373



239.5320, -13.5733, 13.5654



136.5090, 5.1721, 67.9596



118.5790, -8.1734, 8.2622



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.



171.0840, -37.5094, 37.6373



193.2420, -53.8563, 54.1618



198.0420, -50.7997, 6.9792



103.3980, -3.6472, 3.1590



109.2420, -53.8563, 54.1618



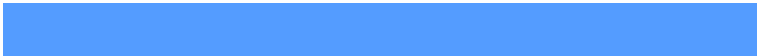
27.5320, -13.5733, 13.5654

Inverse Universe

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



137.9160, 37.5094, -37.6373



145.7580, 53.8563, -54.1618



110.9580, 50.7997, -6.9792



100.1890, 3.3578, -3.6738



61.7580, 53.8563, -54.1618



15.4680, 13.5733, -13.5654

Previews

White Background



This preview shows how the YUV color 171.0840, -37.5094, 37.6373 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 171.0840, -37.5094, 37.6373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

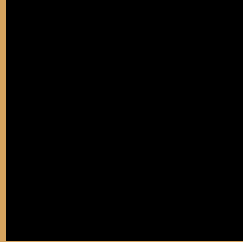
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.0840, -37.5094, 37.6373

Background



This preview shows how black text looks on a background with the YUV color 171.0840, -37.5094, 37.6373.



This preview shows how white text looks on a background with the YUV color 171.0840, -37.5094,

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

171.0840, -37.5094, 37.6373

Protanopia

169.5330, -35.2658, 17.9496

Deuteranopia

171.0730, -37.5040, 35.8930



Tritanopia

175.8030, -4.3399, 38.7608

Trichromacy



Original Color

171.0840, -37.5094, 37.6373

Protanomaly

170.3490, -36.1611, 25.1269

Deuteranomaly

171.3720, -37.6514, 36.5078

Tritanomaly

174.0020, -16.2700, 38.5862

Monochromacy



Original Color

171.0840, -37.5094, 37.6373

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.8310, -13.7207, 14.1802

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.0840, -37.5094, 37.6373 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, 164, 95)` looks like.

```
.text, #text, p{  
    color:rgb(214, 164, 95)  
}
```

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, 164, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 164, 95) }
```

Border

The CSS property to change the border of an element to YUV 171.0840, -37.5094, 37.6373 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, 164, 95) }
```


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

```
.border{ border-color:rgb(214, 164, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 164, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 164, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 164, 95);  
box-shadow:4px 4px 4px 4px rgb(214, 164,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 171.0840, -37.5094, 37.6373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 164, 95) }
```

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

```
.background{ background-color: rgb(214,  
164, 95) }
```

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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