

Converting Colors

YUV(130.6950, -37.3176,
69.5505)

Have a look what the booklet for
YUV(130.6950, -37.3176, 69.5505)
contains.

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Color

**YUV(130.6950, -37.3176,
69.5505)**

Conversions

Conversions Part 1

Format	Color
Hex	D26937
RGB	210, 105, 55
RGB Percent	82%, 41%, 22%
CMY	0.1765, 0.5882, 0.7843
CMYK	0.00, 0.50, 0.74, 0.18
HSL	19°, 63%, 52%
HSV	19°, 74%, 82%
XYZ	32.3195, 24.0806, 6.5590
YIQ	130.6950, 78.6300, 6.7100

Conversions

Conversions Part 2

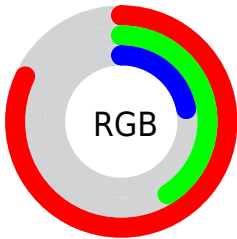
Format	Color
RYB	210, 129, 55
Decimal	13789495
CIELab	56.17, 37.92, 46.03
CIElCh	56, 59.635, 50.517
Yxy	24.0806, 0.5133, 0.3825
Android (android.graphics.Color)	4291979575 (0xFFD26937)
YUV	130.6950, -37.3176, 69.5505
Hunter-Lab	49.0720, 31.6865, 26.4256

Details

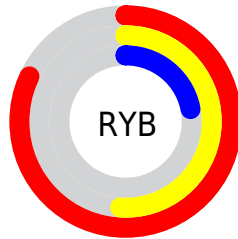
The YUV color **130.6950, -37.3176, 69.5505** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **134.3050, 37.3176, -69.5505**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.8470, -37.8856, 65.0322**, and **76.7050, -35.8436, 63.4027** is the 20% darker color. If you saturate the color by 10%, you get **120.0830, -42.4389, 78.8572**, and if you desaturate by 10%, it is **141.3070, -32.1964, 60.2438**.

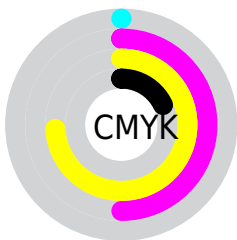
Distribution



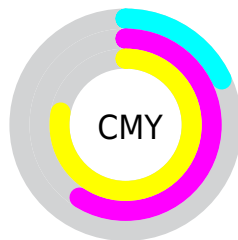
- Red (82%)
- Green (41%)
- Blue (22%)



- Red (82%)
- Yellow (51%)
- Blue (22%)



- Cyan (0%)
- Magenta (50%)
- Yellow (74%)
- Black (18%)



- Cyan (18%)
- Magenta (59%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.6950, -37.3176, 69.5505 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 130.6950, -37.3176, 69.5505 by changing the saturation by 10% instead.

■ 130.6950,
-37.3176, 69.5505

■ 130.6950,
-37.3176, 69.5505

■ 255.0000, 0.0000,
0.0000

■ 103.4280,
-35.7070, 66.2766

■ 180.8470,
-37.8856, 65.0322

■ 76.7050, -35.8436,
63.4027

■ 199.6600,
-34.3424, 48.5332

■ 52.9030, -26.0812,
58.8441

■ 219.7610,
-30.9412, 30.9046

■ 26.9100, -13.2666,
55.3299

■ 239.2750,
-27.2506, 13.7908

■ 18.5380, -9.1392,
38.1162

■ 250.0980,
-18.7823, 4.2991

■ 10.5790, -4.7224,
21.4172

■ 253.4040, -6.1152,

■ 0.0000, 0.0000,

1.3997

0.0000

■ 130.6950,
-37.3176, 69.5505

■ 130.6950,
-37.3176, 69.5505

■ 120.0830,
-42.4389, 78.8572

■ 141.3070,
-32.1964, 60.2438

■ 109.4710,
-47.5602, 88.1639

■ 151.9190,
-27.0751, 50.9370

■ 102.7060,
-50.6341, 94.0968

■ 163.1180,
-22.2432, 41.1155

■ 173.7300,
-17.1219, 31.8088

■ 184.3420,
-12.0006, 22.5021

■ 194.9540, -6.8793,
13.1953

■ 206.1530, -2.0474,
3.3738

■ 216.7650, 3.0739,
-5.9329

■ 227.3770, 8.1951,
-15.2396

Harmonies

Analogous

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



129.8690, -14.2324, 85.1839



130.6950, -37.3176, 69.5505



127.9260, -54.6865, 40.4069

Triad

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



130.6950, -37.3176, 69.5505



105.9700, 4.9448, -92.9357



132.0820, 49.2596, -26.3819

Complementary

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



130.6950, -37.3176, 69.5505



134.3050, 37.3176, -69.5505

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.



112.1330, 61.5594, -98.3406



130.6950, -37.3176, 69.5505



112.7130, 28.2425, -98.8493

Square

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



130.6950, -37.3176, 69.5505



115.0470, -25.1662, -48.2762



115.3810, 48.6192, -101.1891



138.6680, 30.7297, 37.1252

Rectangle

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



130.6950, -37.3176, 69.5505



125.3160, -56.3578, 16.3859



115.3810, 48.6192, -101.1891



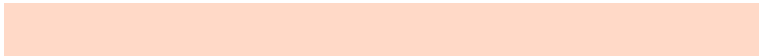
122.1100, 56.6408, -60.6095

Sweetspot

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



130.6950, -37.3176, 69.5505



226.3100, -13.4638, 25.1611



113.4290, 23.4525, 84.6928



110.6230, -8.1951, 15.2396



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.



130.6950, -37.3176, 69.5505



138.7240, -54.5869, 101.9741



175.8940, -59.6007, 29.9110



99.0500, -2.4897, 5.2181



81.9300, -40.3915, 75.4834



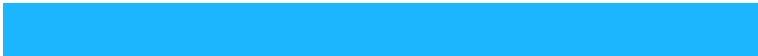
19.8900, -9.8058, 18.5135

Inverse Universe

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



134.3050, 37.3176, -69.5505



144.2760, 54.5869, -101.9741



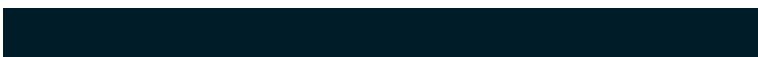
89.1060, 59.6007, -29.9110



99.3630, 2.7790, -4.7034



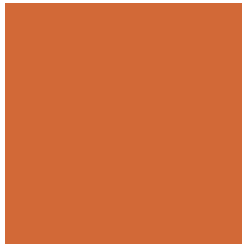
86.0700, 40.3915, -75.4834



21.1100, 9.8058, -18.5135

Previews

White Background



This preview shows how the YUV color 130.6950, -37.3176, 69.5505 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 130.6950, -37.3176, 69.5505 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 × Fail

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

YUV 130.6950, -37.3176, 69.5505

Background



This preview shows how black text looks on a background with the YUV color 130.6950, -37.3176, 69.5505.



This preview shows how white text looks on a background with the YUV color 130.6950, -37.3176,

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

130.6950, -37.3176, 69.5505

Protanopia

131.3910, -33.2238, 16.3201

Deuteranopia

131.2530, -40.5507, 33.1041



Tritanopia

133.8840, -13.7468, 69.3847

Trichromacy



Original Color

130.6950, -37.3176, 69.5505

Protanomaly

131.1700, -34.5938, 35.8079

Deuteranomaly

131.2700, -39.5731, 46.2442

Tritanomaly

132.5930, -22.4773, 69.6399

Monochromacy



Original Color

130.6950, -37.3176, 69.5505

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.1960, -13.9006, 25.2611

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.6950, -37.3176, 69.5505 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(210, 105, 55)` looks like.

```
.text, #text, p{  
    color:rgb(210, 105, 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(210, 105, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 105, 55) }
```

Border

The CSS property to change the border of an element to YUV 130.6950, -37.3176, 69.5505 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(210, 105, 55) }
```


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

```
.border{ border-color:rgb(210, 105, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 105, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 105, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 105, 55);  
box-shadow:4px 4px 4px 4px rgb(210, 105,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 130.6950, -37.3176, 69.5505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 105, 55) }
```

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

```
.background{ background-color: rgb(210,  
105, 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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