

Converting Colors

YUV(129.7970, -31.9449,
72.9690)

Have a look what the booklet for
YUV(129.7970, -31.9449, 72.9690)
contains.

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Color

**YUV(129.7970, -31.9449,
72.9690)**

Conversions

Conversions Part 1

Format	Color
Hex	D56441
RGB	213, 100, 65
RGB Percent	84%, 39%, 25%
CMY	0.1647, 0.6078, 0.7451
CMYK	0.00, 0.53, 0.69, 0.16
HSL	14°, 64%, 55%
HSV	14°, 69%, 84%
XYZ	32.9519, 23.6421, 7.8277
YIQ	129.7970, 78.5830, 13.0710

Conversions

Conversions Part 2

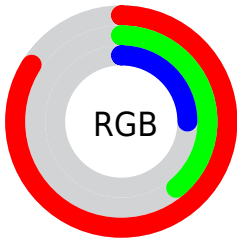
Format	Color
R_{YB}	213, 111, 65
Decimal	13984833
CIE _{Lab}	55.73, 42.08, 40.51
CIE _{LCh}	56, 58.408, 43.909
Yxy	23.6421, 0.5115, 0.3670
Android (android.graphics.Color)	4292174913 (0xFFD56441)
YUV	129.7970, -31.9449, 72.9690
Hunter-Lab	48.6232, 35.8787, 24.4914

Details

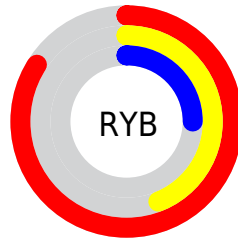
The YUV color **129.7970, -31.9449, 72.9690** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **148.2030, 31.9449, -72.9690**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.0520, -32.0706, 66.6064**, and **75.7900, -27.9975, 66.8362** is the 20% darker color. If you saturate the color by 10%, you get **118.0110, -36.4874, 83.3054**, and if you desaturate by 10%, it is **141.5830, -27.4024, 62.6327**.

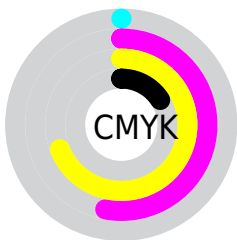
Distribution



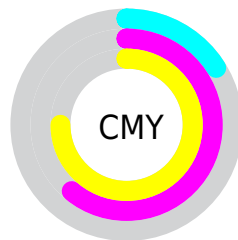
- Red (84%)
- Green (39%)
- Blue (25%)



- Red (84%)
- Yellow (44%)
- Blue (25%)



- Cyan (0%)
- Magenta (53%)
- Yellow (69%)
- Black (16%)



- Cyan (16%)
- Magenta (61%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.7970, -31.9449, 72.9690 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 129.7970, -31.9449, 72.9690 by changing the saturation by 10% instead.

129.7970,
-31.9449, 72.9690

129.7970,
-31.9449, 72.9690

255.0000, 0.0000,
0.0000

102.6440,
-29.8975, 69.5952

179.0520,
-32.0706, 66.6064

75.7900, -27.9975,
66.8362

198.4520,
-28.8168, 49.5926

48.5170, -23.9189,
65.3216

217.9660,
-25.1262, 32.4788

27.8070, -13.7089,
57.1743

238.0670,
-21.7250, 14.8502

19.1360, -9.4340,
39.3457

251.2380,
-14.4143, 3.2993

11.1770, -5.0173,
22.6468

254.5440, -1.7472,

0.0000, 0.0000,

0.3999

0.0000

■ 129.7970,
-31.9449, 72.9690

■ 129.7970,
-31.9449, 72.9690

■ 118.0110,
-36.4874, 83.3054

■ 141.5830,
-27.4024, 62.6327

■ 105.5240,
-41.1773, 94.2565

■ 154.0700,
-22.7125, 51.6816

■ 93.7380, -45.7198,
104.5928

■ 165.8560,
-18.1700, 41.3453

■ 93.0370, -45.8672,
105.2076

■ 177.6420,
-13.6275, 31.0090

■ 189.4280, -9.0850,
20.6726

■ 201.9150, -4.3951,
9.7215

■ 213.7010, 0.1474,
-0.6148

■ 225.4870, 4.6899,
-10.9511

■ 237.1590, 8.7956,
-21.1874

Harmonies

Analogous

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



129.9380, -8.8434, 83.3694



129.7970, -31.9449, 72.9690



128.2240, -49.9034, 46.2846

Triad

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



129.7970, -31.9449, 72.9690



103.4280, 0.2820, -90.7064



125.7700, 52.3714, -44.5253

Complementary

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



129.7970, -31.9449, 72.9690



148.2030, 31.9449, -72.9690

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.



112.6230, 58.3599, -98.7704



129.7970, -31.9449, 72.9690



110.5300, 22.4167, -96.9348

Square

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



129.7970, -31.9449, 72.9690



117.9410, -31.0299, -34.1513



114.1270, 43.8144, -100.0894



137.2150, 34.4040, 25.2444

Rectangle

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



129.7970, -31.9449, 72.9690



125.3000, -55.3639, 24.2929



114.1270, 43.8144, -100.0894



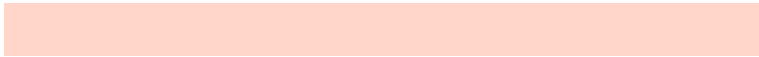
107.2090, 63.0010, -94.0223

Sweetspot

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



129.7970, -31.9449, 72.9690



224.7770, -11.7221, 26.5056



122.1340, 27.5419, 79.6895



109.6770, -6.7428, 16.0693



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.



129.7970, -31.9449, 72.9690



135.7380, -45.7198, 104.5928



173.2350, -53.3599, 34.8739



101.0500, -2.4896, 5.2182



74.6090, -36.7822, 84.5349



18.7270, -9.2324, 21.2874

Inverse Universe

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



148.2030, 31.9449, -72.9690



162.2620, 45.7198, -104.5928



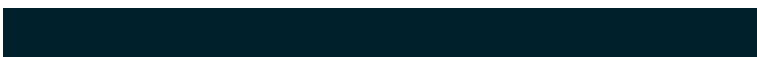
104.7650, 53.3599, -34.8739



102.5370, 2.2003, -5.7329



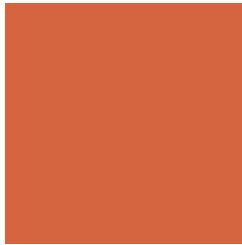
95.8040, 37.0716, -84.0201



24.2730, 9.2324, -21.2874

Previews

White Background



This preview shows how the YUV color 129.7970, -31.9449, 72.9690 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 129.7970, -31.9449, 72.9690 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 129.7970, -31.9449, 72.9690

Background



This preview shows how black text looks on a background with the YUV color 129.7970, -31.9449, 72.9690.



This preview shows how white text looks on a background with the YUV color 129.7970, -31.9449, 72.9690.

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

129.7970, -31.9449, 72.9690

Protanopia

131.2750, -27.2506, 13.7908

Deuteranopia

131.4960, -35.7405, 30.2600



Tritanopia

131.6780, -14.6313, 73.0734

Trichromacy



Original Color

129.7970, -31.9449, 72.9690

Protanomaly

130.9510, -29.0628, 35.1230

Deuteranomaly

130.9370, -34.4789, 45.6593

Tritanomaly

131.0710, -20.7410, 72.7287

Monochromacy



Original Color

129.7970, -31.9449, 72.9690

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.7770, -11.7221, 26.5056

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.7970, -31.9449, 72.9690 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(213, 100, 65)` looks like.

```
.text, #text, p{  
    color:rgb(213, 100, 65)  
}
```

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(213, 100, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 100, 65) }
```

Border

The CSS property to change the border of an element to YUV 129.7970, -31.9449, 72.9690 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(213, 100, 65) }
```


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

```
.border{ border-color:rgb(213, 100, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 100, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 100, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 100, 65);  
box-shadow:4px 4px 4px 4px rgb(213, 100,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 129.7970, -31.9449, 72.9690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 100, 65) }
```

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

```
.background{ background-color: rgb(213,  
100, 65) }
```

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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