

Converting Colors

YUV(130.3260, -37.6287,
76.0131)

Have a look what the booklet for
YUV(130.3260, -37.6287, 76.0131)
contains.

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Color

**YUV(130.3260, -37.6287,
76.0131)**

Conversions

Conversions Part 1

Format	Color
Hex	D96536
RGB	217, 101, 54
RGB Percent	85%, 40%, 21%
CMY	0.1490, 0.6039, 0.7882
CMYK	0.00, 0.53, 0.75, 0.15
HSL	17°, 68%, 53%
HSV	17°, 75%, 85%
XYZ	33.9348, 24.3254, 6.3967
YIQ	130.3260, 84.2230, 9.9750

Conversions

Conversions Part 2

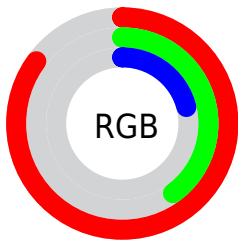
Format	Color
RYB	217, 120, 54
Decimal	14247222
CIELab	56.41, 42.59, 47.10
CIELCh	56, 63.499, 47.880
Yxy	24.3254, 0.5248, 0.3762
Android (android.graphics.Color)	4292437302 (0xFFD96536)
YUV	130.3260, -37.6287, 76.0131
Hunter-Lab	49.3208, 36.5042, 26.8348

Details

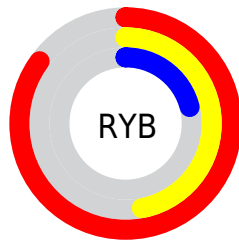
The YUV color **130.3260, -37.6287, 76.0131** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **140.6740, 37.6287, -76.0131**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.3850, -37.1648, 67.1914**, and **75.4500, -35.7178, 69.7653** is the 20% darker color. If you saturate the color by 10%, you get **119.0130, -42.8974, 85.9346**, and if you desaturate by 10%, it is **141.6390, -32.3600, 66.0916**.

Distribution



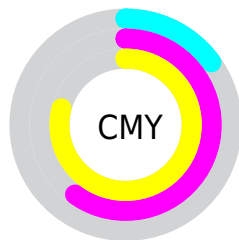
- Red (85%)
- Green (40%)
- Blue (21%)



- Red (85%)
- Yellow (47%)
- Blue (21%)



- Cyan (0%)
- Magenta (53%)
- Yellow (75%)
- Black (15%)



- Cyan (15%)
- Magenta (60%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.3260, -37.6287, 76.0131 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 130.3260, -37.6287, 76.0131 by changing the saturation by 10% instead.

130.3260,
-37.6287, 76.0131

130.3260,
-37.6287, 76.0131

255.0000, 0.0000,
0.0000

103.0590,
-36.0181, 72.7393

178.3850,
-37.1648, 67.1914

75.4500, -35.7178,
69.7653

197.7850,
-33.9110, 50.1776

50.0010, -24.6505,
66.6511

217.2990,
-30.2204, 33.0638

28.7040, -14.1511,
59.0186

237.4000,
-26.8192, 15.4352

20.0330, -9.8763,
41.1901

249.9840,
-19.2191, 4.3990

12.0740, -5.4595,
24.4911

253.1760, -6.9888,

0.0000, 0.0000,

1.5996

0.0000

■ 130.3260,
-37.6287, 76.0131

■ 130.3260,
-37.6287, 76.0131

■ 119.0130,
-42.8974, 85.9346

■ 141.6390,
-32.3600, 66.0916

■ 107.2270,
-47.4399, 96.2709

■ 153.4250,
-27.8175, 55.7553

■ 101.8640,
-50.2190, 100.9743

■ 164.7380,
-22.5488, 45.8338

■ 176.6380,
-17.5695, 35.3975

■ 187.9510,
-12.3008, 25.4760

■ 199.7370, -7.7583,
15.1397

■ 211.0500, -2.4896,
5.2182

■ 222.9500, 2.4897,
-5.2181

■ 234.1490, 7.3215,
-15.0397

Harmonies

Analogous

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



129.4830, -12.0701, 91.6614



130.3260, -37.6287, 76.0131



127.4230, -61.8335, 46.1100

Triad

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



130.3260, -37.6287, 76.0131



105.8730, 2.0346, -92.8506



129.4980, 54.9705, -38.1477

Complementary

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



130.3260, -37.6287, 76.0131



140.6740, 37.6287, -76.0131

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.



114.6920, 63.7488, -100.5849



130.3260, -37.6287, 76.0131



113.6590, 26.7901, -99.6789

Square

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



130.3260, -37.6287, 76.0131



114.9070, -29.5342, -47.2764



117.3700, 48.6246, -102.9335



139.0960, 34.9557, 34.9958

Rectangle

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



130.3260, -37.6287, 76.0131



124.6710, -61.4628, 20.4595



117.3700, 48.6246, -102.9335



108.3490, 67.3689, -95.0221

Sweetspot

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



130.3260, -37.6287, 76.0131



223.6200, -13.6167, 27.5203



116.0750, 27.0780, 88.5112



108.6340, -8.2006, 16.9840



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.



130.3260, -37.6287, 76.0131



133.0990, -53.2928, 106.9072



177.8730, -61.0694, 34.3144



104.0500, -2.4896, 5.2182



81.0770, -39.9710, 80.6165



21.3850, -10.5428, 21.5874

Inverse Universe

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



140.6740, 37.6287, -76.0131



147.4880, 53.0034, -107.4220



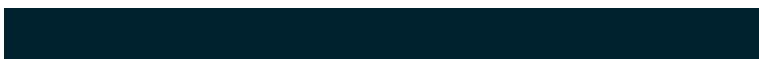
93.1270, 61.0694, -34.3144



104.3630, 2.7790, -4.7034



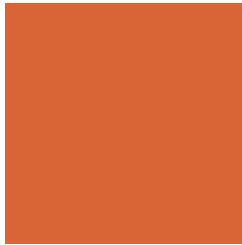
91.9230, 39.9710, -80.6165



24.6150, 10.5428, -21.5874

Previews

White Background



This preview shows how the YUV color 130.3260, -37.6287, 76.0131 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 130.3260, -37.6287, 76.0131 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 130.3260, -37.6287, 76.0131

Background



This preview shows how black text looks on a background with the YUV color 130.3260, -37.6287, 76.0131.



This preview shows how white text looks on a background with the YUV color 130.3260, -37.6287, 76.0131.

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

130.3260, -37.6287, 76.0131

Protanopia

131.9780, -33.5132, 15.8053

Deuteranopia

131.9110, -41.8611, 33.4041



Tritanopia

133.4610, -15.5103, 75.0177

Trichromacy



Original Color

130.3260, -37.6287, 76.0131

Protanomaly

131.0670, -35.0360, 37.6522

Deuteranomaly

131.4660, -40.1627, 48.7033

Tritanomaly

132.3980, -23.3672, 75.0730

Monochromacy



Original Color

130.3260, -37.6287, 76.0131

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.9190, -13.7641, 28.1350

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.3260, -37.6287, 76.0131 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(217, 101, 54)` looks like.

```
.text, #text, p{  
    color:rgb(217, 101, 54)  
}
```

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(217, 101, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 101, 54) }
```

Border

The CSS property to change the border of an element to YUV 130.3260, -37.6287, 76.0131 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(217, 101, 54) }
```


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

```
.border{ border-color:rgb(217, 101, 54) }
```

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

Here you see how a box with a 4 pixel rgb(217, 101, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 101, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 101, 54);  
box-shadow:4px 4px 4px 4px rgb(217, 101,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 130.3260, -37.6287, 76.0131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 101, 54) }
```

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

```
.background{ background-color: rgb(217,  
101, 54) }
```

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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