

Converting Colors

YUV(132.8740, -31.9829,
85.1795)

Have a look what the booklet for
YUV(132.8740, -31.9829, 85.1795)
contains.

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Color

**YUV(132.8740, -31.9829,
85.1795)**

Conversions

Conversions Part 1

Format	Color
Hex	E66044
RGB	230, 96, 68
RGB Percent	90%, 38%, 27%
CMY	0.0980, 0.6235, 0.7333
CMYK	0.00, 0.58, 0.70, 0.10
HSL	10°, 76%, 58%
HSV	10°, 70%, 90%
XYZ	37.8594, 25.6061, 8.4159
YIQ	132.8740, 88.8520, 19.7000

Conversions

Conversions Part 2

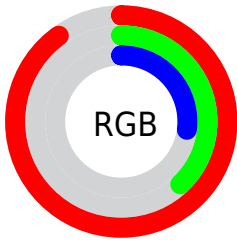
Format	Color
R_{YB}	230, 102, 68
Decimal	15097924
CIE _{Lab}	57.66, 50.38, 41.81
CIE _{LCh}	58, 65.470, 39.686
Yxy	25.6061, 0.5267, 0.3562
Android (android.graphics.Color)	4293288004 (0xFFE66044)
YUV	132.8740, -31.9829, 85.1795
Hunter-Lab	50.6025, 44.9945, 25.5610

Details

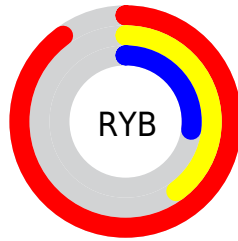
The YUV color **132.8740, -31.9829, 85.1795** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **165.1260, 31.9829, -85.1795**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.2200, -30.1815, 67.3361**, and **76.8070, -27.0199, 79.9763** is the 20% darker color. If you saturate the color by 10%, you get **119.0990, -36.5308, 97.2602**, and if you desaturate by 10%, it is **146.6490, -27.4350, 73.0988**.

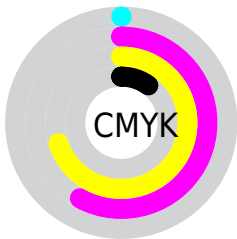
Distribution



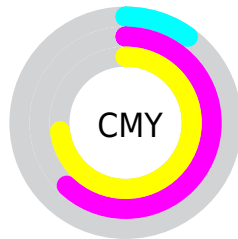
- Red (90%)
- Green (38%)
- Blue (27%)



- Red (90%)
- Yellow (40%)
- Blue (27%)



- Cyan (0%)
- Magenta (58%)
- Yellow (70%)
- Black (10%)





- Cyan (10%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 132.8740, -31.9829, 85.1795 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 132.8740, -31.9829, 85.1795 by changing the saturation by 10% instead.


 132.8740,
-31.9829, 85.1795


 132.8740,
-31.9829, 85.1795


255.0000, 0.0000,
0.0000


 105.1340,
-29.6461, 82.3205


 178.2200,
-30.1815, 67.3361


 76.8070, -27.0199,
79.9763


 197.0330,
-26.6383, 50.8371


 40.9630, -20.1948,
84.2244


 217.1340,
-23.2371, 33.2085

 31.9930, -15.7725,
65.7811

 237.2350,
-19.8359, 15.5799

 23.0230, -11.3503,
47.3378

 251.6940,
-12.6671, 2.8994

 15.1780, -6.4968,
30.5389

254.8860, -0.4368,

 0.0000, 0.0000,

0.1000

0.0000

■ 132.8740,
-31.9829, 85.1795

■ 132.8740,
-31.9829, 85.1795

■ 119.0990,
-36.5308, 97.2602

■ 146.6490,
-27.4350, 73.0988

■ 105.3240,
-41.0787, 109.3409

■ 160.4240,
-22.8870, 61.0182

■ 92.2500, -45.4793,
120.8067

■ 174.1990,
-18.3391, 48.9375

■ 187.9740,
-13.7912, 36.8568

■ 201.7490, -9.2433,
24.7761

■ 215.5240, -4.6953,
12.6955

■ 229.2990, -0.1474,
0.6148

■ 243.0740, 4.4005,
-11.4659

■ 247.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



132.0410, -4.9502, 94.6800



132.8740, -31.9829, 85.1795



131.7540, -57.0667, 57.2207

Triad

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



132.8740, -31.9829, 85.1795



106.0380, -4.9487, -92.9953



113.3110, 68.3737, -90.6037

Complementary

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



132.8740, -31.9829, 85.1795



165.1260, 31.9829, -85.1795

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.



119.0290, 62.5967, -104.3884



132.8740, -31.9829, 85.1795



114.6390, 20.3910, -100.5384

Square

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



132.8740, -31.9829, 85.1795



121.2590, -40.0607, -30.9221



119.6210, 44.5568, -104.9076



142.4190, 41.6984, 18.9265

Rectangle

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



132.8740, -31.9829, 85.1795



129.4660, -63.8267, 32.0403



119.6210, 44.5568, -104.9076



114.6580, 68.6956, -100.5551

Sweetspot

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



132.8740, -31.9829, 85.1795



223.0160, -10.8539, 28.0500



131.8280, 35.0878, 86.0968



108.5030, -6.1640, 17.0989



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.



132.8740, -31.9829, 85.1795



125.1890, -42.9842, 113.8442



179.8340, -55.1342, 43.9956



107.7620, -2.3477, 6.3477



71.7180, -35.3570, 94.0863



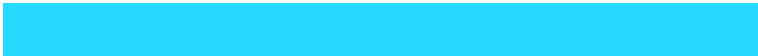
20.5320, -10.1223, 26.7204

Inverse Universe

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



165.1260, 31.9829, -85.1795



168.3980, 42.6948, -114.3590



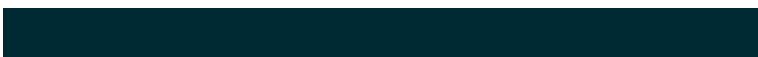
118.1660, 55.1342, -43.9956



110.2380, 2.3477, -6.3477



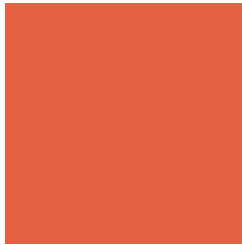
107.2820, 35.3570, -94.0863



30.4680, 10.1223, -26.7204

Previews

White Background



This preview shows how the YUV color 132.8740, -31.9829, 85.1795 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 132.8740, -31.9829, 85.1795 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 132.8740, -31.9829, 85.1795

Background



This preview shows how black text looks on a background with the YUV color 132.8740, -31.9829, 85.1795.



This preview shows how white text looks on a background with the YUV color 132.8740, -31.9829, 85.1795.

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

132.8740, -31.9829, 85.1795

Protanopia

136.5030, -26.3770, 13.5909

Deuteranopia

135.7520, -37.3457, 31.7895



Tritanopia

134.2450, -17.8688, 84.8541

Trichromacy



Original Color

132.8740, -31.9829, 85.1795

Protanomaly

134.9130, -28.0581, 39.5413

Deuteranomaly

134.7420, -35.3688, 51.0923

Tritanomaly

133.5780, -22.9630, 85.4391

Monochromacy



Original Color

132.8740, -31.9829, 85.1795

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0980, -11.8803, 30.6091

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.8740, -31.9829, 85.1795 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(230, 96, 68)` looks like.

```
.text, #text, p{  
    color:rgb(230, 96, 68)  
}
```

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(230, 96, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 96, 68) }
```

Border

The CSS property to change the border of an element to YUV 132.8740, -31.9829, 85.1795 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(230, 96, 68) }
```


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

```
.border{ border-color:rgb(230, 96, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 96, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 96, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 96, 68);  
box-shadow:4px 4px 4px 4px rgb(230, 96,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 132.8740, -31.9829, 85.1795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 96, 68) }
```

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

```
.background{ background-color: rgb(230, 96,  
68) }
```

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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