

Converting Colors

YUV(134.2940, -42.5429,
65.5172)

Have a look what the booklet for
YUV(134.2940, -42.5429, 65.5172)
contains.

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Color

**YUV(134.2940, -42.5429,
65.5172)**

Conversions

Conversions Part 1

Format	Color
Hex	D17130
RGB	209, 113, 48
RGB Percent	82%, 44%, 19%
CMY	0.1804, 0.5569, 0.8118
CMYK	0.00, 0.46, 0.77, 0.18
HSL	24°, 64%, 50%
HSV	24°, 77%, 82%
XYZ	32.7331, 25.5790, 6.0083
YIQ	134.2940, 78.0810, 0.1370

Conversions

Conversions Part 2

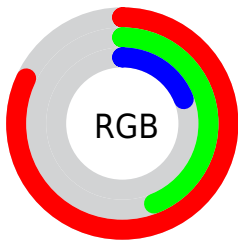
Format	Color
R_{YB}	209, 157, 48
Decimal	13726000
CIE _{Lab}	57.64, 33.08, 50.81
CIE _{LCh}	58, 60.633, 56.937
Yxy	25.5790, 0.5089, 0.3977
Android (android.graphics.Color)	4291916080 (0xFFD17130)
YUV	134.2940, -42.5429, 65.5172
Hunter-Lab	50.5757, 27.0198, 28.3594

Details

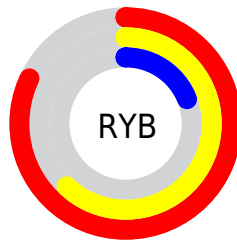
The YUV color **134.2940, -42.5429, 65.5172** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **122.7060, 42.5429, -65.5172**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.8590, -42.8215, 61.5137**, and **81.2330, -40.0479, 58.5547** is the 20% darker color. If you saturate the color by 10%, you get **124.8560, -48.2430, 73.7943**, and if you desaturate by 10%, it is **143.7320, -36.8429, 57.2400**.

Distribution



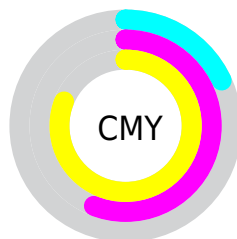
- Red (82%)
- Green (44%)
- Blue (19%)



- Red (82%)
- Yellow (62%)
- Blue (19%)



- Cyan (0%)
- Magenta (46%)
- Yellow (77%)
- Black (18%)



- Cyan (18%)
- Magenta (56%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.2940, -42.5429, 65.5172 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 134.2940, -42.5429, 65.5172 by changing the saturation by 10% instead.

134.2940,
-42.5429, 65.5172

134.2940,
-42.5429, 65.5172

255.0000, 0.0000,
0.0000

107.3860,
-42.0953, 61.9285

184.8590,
-42.8215, 61.5137

81.2330, -40.0479,
58.5547

203.6720,
-39.2783, 45.0147

58.4740, -28.8277,
53.0813

223.7730,
-35.8771, 27.3861

34.5410, -17.0287,
48.6375

243.2870,
-32.1865, 10.2723

18.5380, -9.1392,
38.1162

249.4140,
-21.4031, 4.8989

11.1770, -5.0173,
22.6468

252.7200, -8.7360,

0.0000, 0.0000,

1.9996

0.0000

■ 134.2940,
-42.5429, 65.5172

■ 134.2940,
-42.5429, 65.5172

■ 124.8560,
-48.2430, 73.7943

■ 143.7320,
-36.8429, 57.2400

■ 114.8310,
-53.6537, 82.5862

■ 153.7570,
-31.4322, 48.4481

■ 111.7990,
-55.1169, 85.2453

■ 163.1950,
-25.7321, 40.1710

■ 173.2200,
-20.3215, 31.3791

■ 182.6580,
-14.6214, 23.1019

■ 192.5690, -9.6475,
14.4100

■ 202.0070, -3.9475,
6.1329

■ 212.0320, 1.4632,
-2.6591

■ 221.4700, 7.1633,
-10.9362

Harmonies

Analogous

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



133.7890, -19.6160, 85.2540



134.2940, -42.5429, 65.5172



130.6710, -58.0118, 33.6145

Triad

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



134.2940, -42.5429, 65.5172



110.6150, 10.0498, -97.0094



139.3830, 46.1532, -9.9829

Complementary

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



134.2940, -42.5429, 65.5172



122.7060, 42.5429, -65.5172

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.



113.6320, 64.7644, -99.6553



134.2940, -42.5429, 65.5172



116.7710, 33.6369, -102.4082

Square

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



134.2940, -42.5429, 65.5172



112.8750, -17.6864, -67.4194



118.6240, 53.4294, -104.0332



141.8220, 27.2028, 48.3911

Rectangle

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



134.2940, -42.5429, 65.5172



127.9450, -53.7099, 7.0642



118.6240, 53.4294, -104.0332



133.2270, 52.6391, -37.0331

Sweetspot

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



134.2940, -42.5429, 65.5172



227.7290, -15.6424, 23.9167



107.1970, 18.6369, 89.2812



110.9820, -9.3581, 14.9248



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.



134.2940, -42.5429, 65.5172



146.0300, -62.1328, 95.5667



181.2540, -65.6942, 24.3332



99.6370, -2.7790, 4.7034



90.1480, -44.4430, 68.2762



21.6510, -10.6739, 16.9691

Inverse Universe

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



122.7060, 42.5429, -65.5172



128.9700, 62.1328, -95.5667



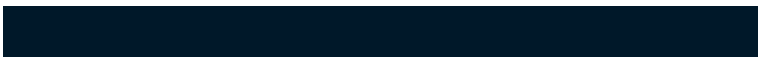
75.7460, 65.6942, -24.3332



98.7760, 3.0684, -4.1886



77.8520, 44.4430, -68.2762



18.7620, 10.9633, -16.4543

Previews

White Background



This preview shows how the YUV color 134.2940, -42.5429, 65.5172 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 134.2940, -42.5429, 65.5172 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 134.2940, -42.5429, 65.5172

Background



This preview shows how black text looks on a background with the YUV color 134.2940, -42.5429, 65.5172.



This preview shows how white text looks on a background with the YUV color 134.2940, -42.5429,

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

134.2940, -42.5429, 65.5172

Protanopia

134.2080, -39.0495, 18.2346

Deuteranopia

134.2980, -45.5029, 34.8187



Tritanopia

138.6060, -12.1308, 64.3665

Trichromacy



Original Color

134.2940, -42.5429, 65.5172

Protanomaly

134.5630, -40.7036, 35.4632

Deuteranomaly

134.3040, -44.5199, 46.2144

Tritanomaly

137.3320, -23.3347, 64.6068

Monochromacy



Original Color

134.2940, -42.5429, 65.5172

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.8430, -15.2056, 23.8167

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.2940, -42.5429, 65.5172 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(209, 113, 48)` looks like.

```
.text, #text, p{  
    color:rgb(209, 113, 48)  
}
```

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(209, 113, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 113, 48) }
```

Border

The CSS property to change the border of an element to YUV 134.2940, -42.5429, 65.5172 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(209, 113, 48) }
```


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

```
.border{ border-color:rgb(209, 113, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 113, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 113, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 113, 48);  
box-shadow:4px 4px 4px 4px rgb(209, 113,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 134.2940, -42.5429, 65.5172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 113, 48) }
```

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

```
.background{ background-color: rgb(209,  
113, 48) }
```

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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