

Converting Colors

YUV(129.7940, -57.5794,
81.7417)

Have a look what the booklet for
YUV(129.7940, -57.5794, 81.7417)
contains.

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Color

**YUV(129.7940, -57.5794,
81.7417)**

Conversions

Conversions Part 1

Format	Color
Hex	DF690D
RGB	223, 105, 13
RGB Percent	87%, 41%, 5%
CMY	0.1255, 0.5882, 0.9490
CMYK	0.00, 0.53, 0.94, 0.13
HSL	26°, 89%, 46%
HSV	26°, 94%, 87%
XYZ	35.5556, 25.8202, 3.4906
YIQ	129.7940, 99.8600, -3.5960

Conversions

Conversions Part 2

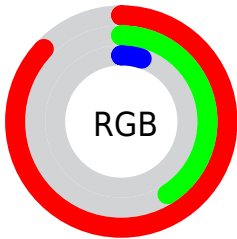
Format	Color
R_{YB}	223, 177, 13
Decimal	14641421
CIE _{Lab}	57.87, 41.88, 63.82
CIE _{LCh}	58, 76.335, 56.726
Yxy	25.8202, 0.5481, 0.3981
Android (android.graphics.Color)	4292831501 (0xFFDF690D)
YUV	129.7940, -57.5794, 81.7417
Hunter-Lab	50.8136, 35.9776, 31.4966

Details

The YUV color **129.7940, -57.5794, 81.7417** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **106.2060, 57.5794, -81.7417**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.1990, -51.8631, 68.2315**, and **78.9510, -38.9228, 71.0800** is the 20% darker color. If you saturate the color by 10%, you get **124.2030, -61.2321, 86.6450**, and if you desaturate by 10%, it is **139.9330, -51.7320, 72.8498**.

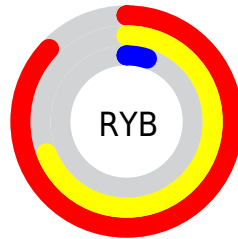
Distribution



Red (87%)

Green (41%)

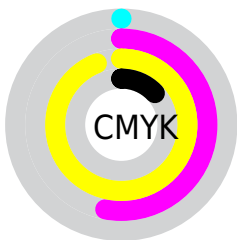
Blue (5%)



Red (87%)

Yellow (69%)

Blue (5%)

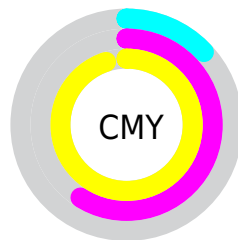


Cyan (0%)

Magenta (53%)

Yellow (94%)

Black (13%)



Cyan (13%)

Magenta (59%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.7940, -57.5794, 81.7417 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 129.7940, -57.5794, 81.7417 by changing the saturation by 10% instead.


 129.7940,
-57.5794, 81.7417


 129.7940,
-57.5794, 81.7417


255.0000, 0.0000,
0.0000


 103.4820,
-51.0166, 76.7533


 177.1990,
-51.8631, 68.2315


 78.9510, -38.9228,
71.0800


 196.7130,
-48.1725, 51.1177

 54.4200, -26.8291,
65.4067


 216.1130,
-44.9187, 34.1039

 29.6010, -14.5933,
60.8629

 236.2140,
-41.5175, 16.4753

 20.9300, -10.3185,
43.0344

 246.4500,
-32.7599, 7.4983

 13.5690, -6.1965,
27.5650

 249.6420,

 0.0000, 0.0000,

-20.5295, 4.6990

0.0000

252.9480, -7.8624,
1.7996

129.7940,
-57.5794, 81.7417

129.7940,
-57.5794, 81.7417

124.2030,
-61.2321, 86.6450

139.9330,
-51.7320, 72.8498

149.5990,
-45.1583, 64.3727

159.7380,
-39.3108, 55.4808

169.2900,
-33.1740, 47.1037

179.5430,
-26.8897, 38.1118

■ 189.0950,
-20.7528, 29.7347

■ 199.2340,
-14.9054, 20.8428

■ 208.7860, -8.7685,
12.4657

■ 219.0390, -2.4842,
3.4738

Harmonies

Analogous

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



126.6010, -21.0023, 109.9749



129.7940, -57.5794, 81.7417



130.6840, -64.4272, 37.9881

Triad

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



129.7940, -57.5794, 81.7417



113.3220, 7.7293, -99.3834



136.8410, 58.2524, -17.4006

Complementary

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



129.7940, -57.5794, 81.7417



106.2060, 57.5794, -81.7417

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.



117.1200, 67.9748, -102.7142



129.7940, -57.5794, 81.7417



121.1880, 37.8683, -106.2819

Square

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



129.7940, -57.5794, 81.7417



102.4070, -21.3997, -89.8109



124.2950, 62.4656, -109.0067



139.6140, 36.1793, 62.6055

Rectangle

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



129.7940, -57.5794, 81.7417



126.0560, -62.1456, 6.0899



124.2950, 62.4656, -109.0067



121.7810, 65.6770, -65.5829

Sweetspot

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



129.7940, -57.5794, 81.7417



223.4260, -19.4370, 27.6904



89.3560, 21.0235, 117.2058



108.3090, -11.9843, 17.2690



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.



129.7940, -57.5794, 81.7417



141.9890, -70.0006, 99.1106



190.8420, -87.6761, 28.2026



107.2240, -3.0684, 4.1886



97.8230, -48.2267, 68.5612



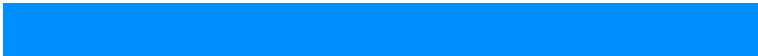
26.6790, -13.1527, 18.6985

Inverse Universe

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



106.2060, 57.5794, -81.7417



113.0110, 70.0006, -99.1106



45.1580, 87.6761, -28.2026



105.7760, 3.0684, -4.1886



78.1770, 48.2267, -68.5612



21.3210, 13.1527, -18.6985

Previews

White Background



This preview shows how the YUV color 129.7940, -57.5794, 81.7417 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 129.7940, -57.5794, 81.7417 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 129.7940, -57.5794, 81.7417

Background



This preview shows how black text looks on a background with the YUV color 129.7940, -57.5794, 81.7417.



This preview shows how white text looks on a background with the YUV color 129.7940, -57.5794, 81.7417.

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

129.7940, -57.5794, 81.7417

Protanopia

131.8590, -53.1745, 22.0487

Deuteranopia

130.1080, -64.1432, 40.2473



Tritanopia

136.9560, -16.2473, 78.0916

Trichromacy



Original Color

129.7940, -57.5794, 81.7417

Protanomaly

130.9480, -54.6974, 43.8956

Deuteranomaly

129.8910, -61.5713, 55.3466

Tritanomaly

134.6560, -31.3824, 79.2317

Monochromacy



Original Color

129.7940, -57.5794, 81.7417

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.9810, -21.1896, 29.8347

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.7940, -57.5794, 81.7417 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(223, 105, 13)` looks like.

```
.text, #text, p{  
    color:rgb(223, 105, 13)  
}
```

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(223, 105, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 105, 13) }
```

Border

The CSS property to change the border of an element to YUV 129.7940, -57.5794, 81.7417 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(223, 105, 13) }
```


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

```
.border{ border-color:rgb(223, 105, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 105, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 105, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 105, 13);  
box-shadow:4px 4px 4px 4px rgb(223, 105,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 129.7940, -57.5794, 81.7417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 105, 13) }
```

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

```
.background{ background-color: rgb(223,  
105, 13) }
```

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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