

Converting Colors

YUV(142.0730, -47.3640,
71.8500)

Have a look what the booklet for
YUV(142.0730, -47.3640, 71.8500)
contains.

YUV(142.0730, -47.3640, 71.8500)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(142.0730, -47.3640,
71.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	E0772E
RGB	224, 119, 46
RGB Percent	88%, 47%, 18%
CMY	0.1216, 0.5333, 0.8196
CMYK	0.00, 0.47, 0.79, 0.12
HSL	25°, 74%, 53%
HSV	25°, 79%, 88%
XYZ	37.8304, 29.2382, 6.2344
YIQ	142.0730, 86.0130, -0.4430

Conversions

Conversions Part 2

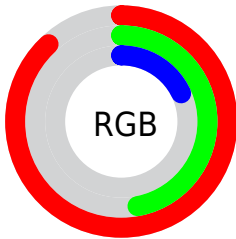
Format	Color
R _Y B	224, 170, 46
Decimal	14710574
CIE Lab	60.99, 35.93, 55.66
CIE LCh	61, 66.250, 57.152
Yxy	29.2382, 0.5161, 0.3989
Android (android.graphics.Color)	4292900654 (0xFFE0772E)
YUV	142.0730, -47.3640, 71.8500
Hunter-Lab	54.0724, 30.2566, 31.0146

Details

The YUV color **142.0730, -47.3640, 71.8500** 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 **127.9270, 47.3640, -71.8500**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.2670, -44.9946, 58.5248**, and **88.3540, -43.5585, 64.5875** is the 20% darker color. If you saturate the color by 10%, you get **131.9340, -53.2115, 80.7419**, and if you desaturate by 10%, it is **152.2120, -41.5165, 62.9581**.

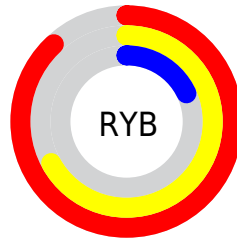
Distribution



Red (88%)

Green (47%)

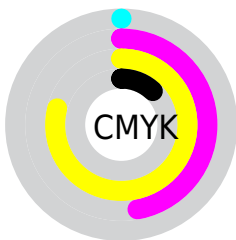
Blue (18%)



Red (88%)

Yellow (67%)

Blue (18%)

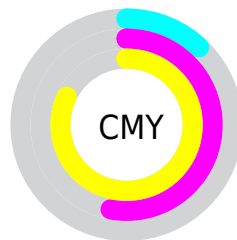


Cyan (0%)

Magenta (47%)

Yellow (79%)

Black (12%)



Cyan (12%)

Magenta (53%)

Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.0730, -47.3640, 71.8500 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 142.0730, -47.3640, 71.8500 by changing the saturation by 10% instead.


 142.0730,
-47.3640, 71.8500

 142.0730,
-47.3640, 71.8500


255.0000, 0.0000,
0.0000


 114.3500,
-47.5006, 68.9760


 188.2670,
-44.9946, 58.5248

 88.3540, -43.5585,
64.5875


 207.6670,
-41.7408, 41.5110


 65.2960, -32.1909,
58.4994


 227.7680,
-38.3396, 23.8825

 41.0640, -20.2446,
53.4409

 246.2220,
-33.6334, 7.6983

 22.1260, -10.9081,
45.4935

 249.4140,
-21.4031, 4.8989

 14.7650, -6.7861,
30.0241

 252.6060, -9.1728,

 0.0000, 0.0000,

2.0995

0.0000

■ 142.0730,
-47.3640, 71.8500

■ 142.0730,
-47.3640, 71.8500

■ 131.9340,
-53.2115, 80.7419

■ 152.2120,
-41.5165, 62.9581

■ 121.6810,
-59.4957, 89.7338

■ 162.4650,
-35.2322, 53.9662

■ 120.9800,
-59.6431, 90.3485

■ 173.1910,
-29.6742, 44.5595

■ 183.4440,
-23.3899, 35.5676

■ 193.5830,
-17.5424, 26.6757

■ 203.7220,
-11.6949, 17.7838

■ 213.9750, -5.4107,
8.7919

■ 224.7010, 0.1474,
-0.6148

■ 234.9540, 6.4317,
-9.6067

Harmonies

Analogous

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



141.2740, -21.8271, 94.4757



142.0730, -47.3640, 71.8500



137.7610, -67.9162, 37.0436

Triad

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



142.0730, -47.3640, 71.8500



118.0980, 10.7977, -103.5719



147.7510, 51.3948, -11.1826

Complementary

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



142.0730, -47.3640, 71.8500



127.9270, 47.3640, -71.8500

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.



120.6420, 66.2385, -105.8030



142.0730, -47.3640, 71.8500



124.8240, 36.5688, -109.4706

Square

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



142.0730, -47.3640, 71.8500



114.9010, -17.2062, -81.4742



127.1330, 58.1084, -111.4956



150.3650, 30.3861, 54.0539

Rectangle

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



142.0730, -47.3640, 71.8500



134.6110, -63.8982, 8.2342



127.1330, 58.1084, -111.4956



140.2310, 56.5811, -41.4216

Sweetspot

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



142.0730, -47.3640, 71.8500



226.9140, -16.2266, 24.6314



111.4200, 20.4989, 98.7327



110.8680, -9.7949, 15.0248



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.



142.0730, -47.3640, 71.8500



143.4710, -64.3222, 97.8109



193.1420, -72.5410, 27.0625



107.2240, -3.0684, 4.1886



94.8880, -46.7798, 71.1352



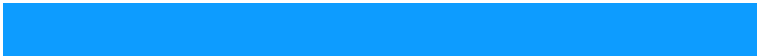
26.0920, -12.8634, 19.2133

Inverse Universe

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



127.9270, 47.3640, -71.8500



124.5290, 64.3222, -97.8109



76.8580, 72.5410, -27.0625



106.3630, 2.7790, -4.7034



81.1120, 46.7798, -71.1352



22.4950, 12.5740, -19.7281

Previews

White Background



This preview shows how the YUV color 142.0730, -47.3640, 71.8500 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 142.0730, -47.3640, 71.8500 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 142.0730, -47.3640, 71.8500

Background



This preview shows how black text looks on a background with the YUV color 142.0730, -47.3640, 71.8500.



This preview shows how white text looks on a background with the YUV color 142.0730, -47.3640, 71.8500.

71.8500.

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

142.0730, -47.3640, 71.8500

Protanopia

142.3670, -43.5649, 19.8491

Deuteranopia

142.1260, -51.3341, 38.4775



Tritanopia

147.1830, -13.8942, 69.9995

Trichromacy



Original Color

142.0730, -47.3640, 71.8500

Protanomaly

141.8470, -44.7876, 38.7222

Deuteranomaly

141.9580, -49.7723, 50.9028

Tritanomaly

145.5670, -26.4085, 70.5397

Monochromacy



Original Color

142.0730, -47.3640, 71.8500

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.2840, -17.3950, 26.0609

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.0730, -47.3640, 71.8500 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(224, 119, 46)` looks like.

```
.text, #text, p{  
    color:rgb(224, 119, 46)  
}
```

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(224, 119, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 119, 46) }
```

Border

The CSS property to change the border of an element to YUV 142.0730, -47.3640, 71.8500 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(224, 119, 46) }
```


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

```
.border{ border-color:rgb(224, 119, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 119, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 119, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 119, 46);  
box-shadow:4px 4px 4px 4px rgb(224, 119,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 142.0730, -47.3640, 71.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 119, 46) }
```

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

```
.background{ background-color: rgb(224,  
119, 46) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor