

Converting Colors

YUV(141.6280, -49.1166,
73.9942)

Have a look what the booklet for
YUV(141.6280, -49.1166, 73.9942)
contains.

| | |
|--|----|
| YUV(141.6280, -49.1166, 73.9942) | 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(141.6280, -49.1166,
73.9942)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E2762A |
| RGB | 226, 118, 42 |
| RGB Percent | 89%, 46%, 16% |
| CMY | 0.1137, 0.5373, 0.8353 |
| CMYK | 0.00, 0.48, 0.81, 0.11 |
| HSL | 25°, 76%, 53% |
| HSV | 25°, 81%, 89% |
| XYZ | 38.2604, 29.2928, 5.8280 |
| YIQ | 141.6280, 88.7640, -0.7400 |

Conversions

Conversions Part 2

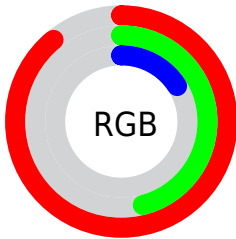
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 226, 171, 42 |
| Decimal | 14841386 |
| CIE Lab | 61.04, 37.12, 57.45 |
| CIE LCh | 61, 68.399, 57.136 |
| Yxy | 29.2928, 0.5214, 0.3992 |
| Android (android.graphics.Color) | 4293031466 (0xFFE2762A) |
| YUV | 141.6280, -49.1166, 73.9942 |
| Hunter-Lab | 54.1228, 31.4699, 31.5015 |

Details

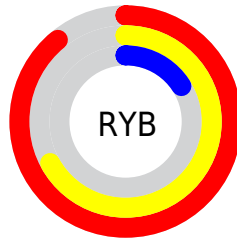
The YUV color **141.6280, -49.1166, 73.9942** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **126.3720, 49.1166, -73.9942**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.3380, -46.0156, 59.3396**, and **88.3650, -43.5639, 66.3319** is the 20% darker color. If you saturate the color by 10%, you get **131.3750, -55.4009, 82.9861**, and if you desaturate by 10%, it is **151.8810, -42.8323, 65.0024**.

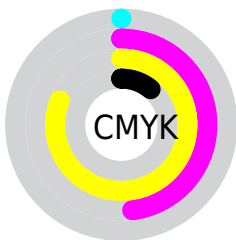
Distribution



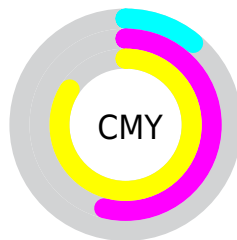
- Red (89%)
- Green (46%)
- Blue (16%)



- Red (89%)
- Yellow (67%)
- Blue (16%)



- Cyan (0%)
- Magenta (48%)
- Yellow (81%)
- Black (11%)



- Cyan (11%)
- Magenta (54%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.6280, -49.1166, 73.9942 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 141.6280, -49.1166, 73.9942 by changing the saturation by 10% instead.

141.6280,
-49.1166, 73.9942

141.6280,
-49.1166, 73.9942

255.0000, 0.0000,
0.0000

113.6770,
-50.1268, 71.3203

187.3380,
-46.0156, 59.3396

88.3650, -43.5639,
66.3319

206.7380,
-42.7618, 42.3258

64.7200, -31.9070,
60.7586

226.8390,
-39.3606, 24.6972

39.9010, -19.6712,
56.2148

245.7660,
-35.3806, 8.0982

22.4250, -11.0555,
46.1083

248.9580,
-23.1503, 5.2988

15.0640, -6.9336,
30.6389

252.2640,

0.0000, 0.0000,

-10.4832, 2.3995

0.0000

■ 141.6280,
-49.1166, 73.9942

■ 141.6280,
-49.1166, 73.9942

■ 131.3750,
-55.4009, 82.9861

■ 151.8810,
-42.8323, 65.0024

■ 122.1650,
-60.2273, 91.0633

■ 162.6070,
-37.2743, 55.5957

■ 172.8600,
-30.9900, 46.6038

■ 182.9990,
-25.1425, 37.7119

■ 193.2520,
-18.8582, 28.7200

■ 204.0920,
-12.8634, 19.2133

■ 214.2310, -7.0159,
10.3214

■ 224.4840, -0.7316,
1.3295

■ 234.6230, 5.1159,
-7.5624

Harmonies

Analogous

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



140.8830, -22.1273, 97.4496



141.6280, -49.1166, 73.9942



138.0600, -68.0636, 37.6584

Triad

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



141.6280, -49.1166, 73.9942



118.5710, 10.0715, -103.9868



147.7940, 52.8526, -12.0973

Complementary

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



141.6280, -49.1166, 73.9942



126.3720, 49.1166, -73.9942

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



141.6280, -49.1166, 73.9942



125.6390, 37.1530, -110.1854

Square

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



141.6280, -49.1166, 73.9942



109.1660, -15.8578, -93.9846



127.4750, 59.4188, -111.7956



150.0170, 31.5436, 56.1131

Rectangle

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



141.6280, -49.1166, 73.9942



133.7420, -65.9348, 8.1193



127.4750, 59.4188, -111.7956



138.7360, 57.3182, -44.4955

Sweetspot

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



141.6280, -49.1166, 73.9942



226.9140, -16.2266, 24.6314



109.5560, 20.9249, 102.1214



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.



141.6280, -49.1166, 73.9942



140.2110, -66.6590, 100.6700



194.4580, -75.1618, 27.6623



107.2240, -3.0684, 4.1886



95.4750, -47.0692, 70.6204



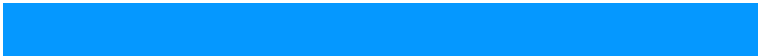
26.0920, -12.8634, 19.2133

Inverse Universe

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



126.3720, 49.1166, -73.9942



119.7890, 66.6590, -100.6700



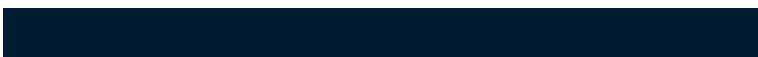
73.5420, 75.1618, -27.6623



106.3630, 2.7790, -4.7034



80.5250, 47.0692, -70.6204



21.9080, 12.8634, -19.2133

Previews

White Background



This preview shows how the YUV color 141.6280, -49.1166, 73.9942 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 141.6280, -49.1166, 73.9942 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 141.6280, -49.1166, 73.9942

Background



This preview shows how black text looks on a background with the YUV color 141.6280, -49.1166, 73.9942.



This preview shows how white text looks on a background with the YUV color 141.6280, -49.1166, 73.9942.

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

141.6280, -49.1166, 73.9942

Protanopia

141.9110, -45.3121, 20.2491

Deuteranopia

141.5560, -53.5181, 38.9774



Tritanopia

146.4930, -14.0470, 72.3586

Trichromacy



Original Color

141.6280, -49.1166, 73.9942

Protanomaly

141.6900, -46.6822, 39.7369

Deuteranomaly

141.6870, -52.1037, 52.0175

Tritanomaly

144.7630, -26.9982, 72.9988

Monochromacy



Original Color

141.6280, -49.1166, 73.9942

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.8820, -17.6898, 27.2905

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.6280, -49.1166, 73.9942 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(226, 118, 42)` looks like.

```
.text, #text, p{  
    color:rgb(226, 118, 42)  
}
```

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(226, 118, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 118, 42) }
```

Border

The CSS property to change the border of an element to YUV 141.6280, -49.1166, 73.9942 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(226, 118, 42) }
```


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

```
.border{ border-color:rgb(226, 118, 42) }
```

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

Here you see how a box with a 4 pixel rgb(226, 118, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 118, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 118, 42);  
box-shadow:4px 4px 4px 4px rgb(226, 118,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 141.6280, -49.1166, 73.9942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 118, 42) }
```

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

```
.background{ background-color: rgb(226,  
118, 42) }
```

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