

Converting Colors

YUV(142.4860, -47.0746,
72.3648)

Have a look what the booklet for
YUV(142.4860, -47.0746, 72.3648)
contains.

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Color

**YUV(142.4860, -47.0746,
72.3648)**

Conversions

Conversions Part 1

Format	Color
Hex	E1772F
RGB	225, 119, 47
RGB Percent	88%, 47%, 18%
CMY	0.1176, 0.5333, 0.8157
CMYK	0.00, 0.47, 0.79, 0.12
HSL	24°, 75%, 53%
HSV	24°, 79%, 88%
XYZ	38.1613, 29.4064, 6.3540
YIQ	142.4860, 86.2880, 0.0800

Conversions

Conversions Part 2

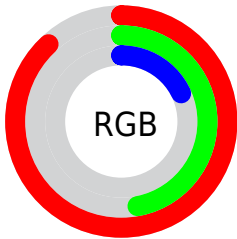
Format	Color
R_{YB}	225, 168, 47
Decimal	14776111
CIE Lab	61.14, 36.37, 55.42
CIE LCh	61, 66.289, 56.727
Yxy	29.4064, 0.5162, 0.3978
Android (android.graphics.Color)	4292966191 (0xFFE1772F)
YUV	142.4860, -47.0746, 72.3648
Hunter-Lab	54.2277, 30.7160, 31.0122

Details

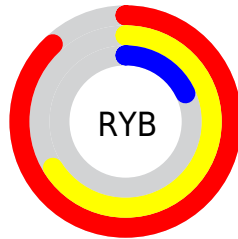
The YUV color **142.4860, -47.0746, 72.3648** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **129.5140, 47.0746, -72.3648**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.3810, -44.5578, 58.4249**, and **88.6530, -43.7059, 65.2023** is the 20% darker color. If you saturate the color by 10%, you get **132.2330, -53.3589, 81.3567**, and if you desaturate by 10%, it is **152.7390, -40.7903, 63.3729**.

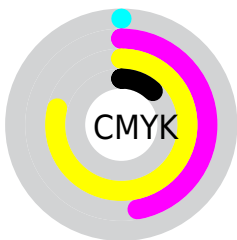
Distribution



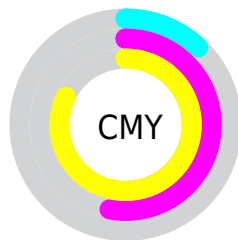
- Red (88%)
- Green (47%)
- Blue (18%)



- Red (88%)
- Yellow (66%)
- 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 142.4860, -47.0746, 72.3648 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 142.4860, -47.0746, 72.3648 by changing the saturation by 10% instead.


 142.4860,
-47.0746, 72.3648


 142.4860,
-47.0746, 72.3648


255.0000, 0.0000,
0.0000


 114.7630,
-47.2112, 69.4908


 188.3810,
-44.5578, 58.4249

 88.6530, -43.7059,
65.2023


 207.7810,
-41.3040, 41.4111

 65.0080, -32.0489,
59.6290


 227.8820,
-37.9028, 23.7825

 40.7760, -20.1026,
54.5704

 246.2220,
-33.6334, 7.6983

 22.1260, -10.9081,
45.4935

 249.5280,
-20.9663, 4.7989

 14.7650, -6.7861,
30.0241

 252.7200, -8.7360,

 0.0000, 0.0000,

1.9996

0.0000

■ 142.4860,
-47.0746, 72.3648

■ 142.4860,
-47.0746, 72.3648

■ 132.2330,
-53.3589, 81.3567

■ 152.7390,
-40.7903, 63.3729

■ 121.5070,
-58.9170, 90.7634

■ 163.4650,
-35.2322, 53.9662

■ 120.6920,
-59.5012, 91.4781

■ 173.6040,
-29.3848, 45.0743

■ 184.4440,
-23.3899, 35.5676

■ 194.6970,
-17.1056, 26.5757

■ 204.8360,
-11.2581, 17.6838

■ 215.5620, -5.7001,
8.2771

■ 225.8150, 0.5842,
-0.7148

■ 236.5410, 6.1423,
-10.1215

Harmonies

Analogous

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



141.8010, -21.1009, 94.8905



142.4860, -47.0746, 72.3648



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.



142.4860, -47.0746, 72.3648



117.9840, 10.3609, -103.4720



148.1530, 51.6896, -12.4122

Complementary

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



142.4860, -47.0746, 72.3648



129.5140, 47.0746, -72.3648

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



142.4860, -47.0746, 72.3648



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.



142.4860, -47.0746, 72.3648



116.8690, -18.6694, -78.8151



127.1330, 58.1084, -111.4956



151.0660, 30.5335, 53.4391

Rectangle

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



142.4860, -47.0746, 72.3648



134.9100, -64.0456, 8.8489



127.1330, 58.1084, -111.4956



140.2200, 56.5865, -43.1659

Sweetspot

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



142.4860, -47.0746, 72.3648



226.9140, -16.2266, 24.6314



112.4200, 20.4989, 98.7327



110.2810, -9.5055, 15.5396



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.



142.4860, -47.0746, 72.3648



142.8840, -64.0328, 98.3257



194.1420, -72.5410, 27.0625



107.2240, -3.0684, 4.1886



94.3010, -46.4904, 71.6500



26.0920, -12.8634, 19.2133

Inverse Universe

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



129.5140, 47.0746, -72.3648



125.1160, 64.0328, -98.3257



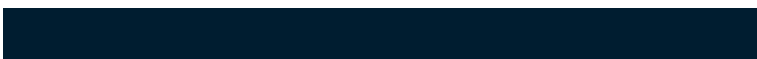
77.8580, 72.5410, -27.0625



106.3630, 2.7790, -4.7034



81.6990, 46.4904, -71.6500



22.4950, 12.5740, -19.7281

Previews

White Background



This preview shows how the YUV color 142.4860, -47.0746, 72.3648 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 142.4860, -47.0746, 72.3648 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 142.4860, -47.0746, 72.3648

Background



This preview shows how black text looks on a background with the YUV color 142.4860, -47.0746, 72.3648.



This preview shows how white text looks on a background with the YUV color 142.4860, -47.0746, 72.3648.

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

142.4860, -47.0746, 72.3648

Protanopia

142.4810, -43.1281, 19.7492

Deuteranopia

142.2400, -50.8973, 38.3775



Tritanopia

147.4820, -14.0416, 70.6143

Trichromacy



Original Color

142.4860, -47.0746, 72.3648

Protanomaly

142.2600, -44.4982, 39.2370

Deuteranomaly

142.0720, -49.3355, 50.8029

Tritanomaly

145.9800, -26.1191, 71.0545

Monochromacy



Original Color

142.4860, -47.0746, 72.3648

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 142.4860, -47.0746, 72.3648 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(225, 119, 47)` looks like.

```
.text, #text, p{  
    color:rgb(225, 119, 47)  
}
```

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(225, 119, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 119, 47) }
```

Border

The CSS property to change the border of an element to YUV 142.4860, -47.0746, 72.3648 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(225, 119, 47) }
```


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

```
.border{ border-color:rgb(225, 119, 47) }
```

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

Here you see how a box with a 4 pixel rgb(225, 119, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 119, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 119, 47);  
box-shadow:4px 4px 4px 4px rgb(225, 119,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 142.4860, -47.0746, 72.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 119, 47) }
```

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

```
.background{ background-color: rgb(225,  
119, 47) }
```

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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