

Converting Colors

YUV(147.3660, -48.9874,
-14.3530)

Have a look what the booklet for
YUV(147.3660, -48.9874, -14.3530)
contains.

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Color

**YUV(147.3660, -48.9874,
-14.3530)**

Conversions

Conversions Part 1

Format	Color
Hex	83AF30
RGB	131, 175, 48
RGB Percent	51%, 69%, 19%
CMY	0.4863, 0.3137, 0.8118
CMYK	0.25, 0.00, 0.73, 0.31
HSL	81°, 57%, 44%
HSV	81°, 73%, 69%
XYZ	25.2235, 35.6986, 8.3574
YIQ	147.3660, 14.5430, -48.8250

Conversions

Conversions Part 2

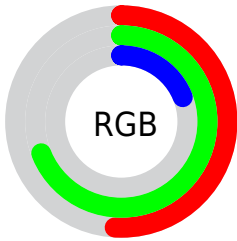
Format	Color
RYB	48, 175, 92
Decimal	8630064
CIELab	66.29, -33.38, 56.88
CIELCh	66, 65.954, 120.408
Yxy	35.6986, 0.3641, 0.5153
Android (android.graphics.Color)	4286820144 (0xFF83AF30)
YUV	147.3660, -48.9874, -14.3530
Hunter-Lab	59.7483, -29.2035, 33.5305

Details

The YUV color **147.3660, -48.9874, -14.3530** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **75.6340, 48.9874, 14.3530**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.1380, -49.8610, -14.1530**, and **94.6370, -46.6560, -15.4676** is the 20% darker color. If you saturate the color by 10%, you get **143.5200, -55.9654, -16.2420**, and if you desaturate by 10%, it is **151.2120, -42.0095, -12.4639**.

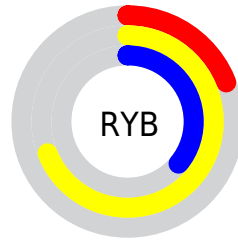
Distribution



Red (51%)

Green (69%)

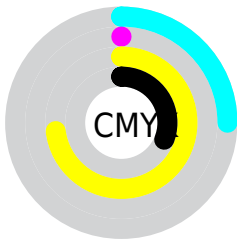
Blue (19%)



Red (19%)

Yellow (69%)

Blue (36%)

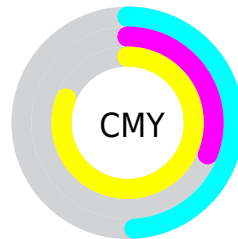


Cyan (25%)

Magenta (0%)

Yellow (73%)

Black (31%)



Cyan (49%)

Magenta (31%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.3660, -48.9874, -14.3530 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 147.3660, -48.9874, -14.3530 by changing the saturation by 10% instead.

■ 147.3660,
-48.9874, -14.3530

■ 147.3660,
-48.9874, -14.3530

■ 255.0000, 0.0000,
0.0000

■ 119.5680,
-52.0450, -13.6531

■ 203.1380,
-49.8610, -14.1530

■ 94.6370, -46.6560,
-15.4676

■ 229.0890,
-48.8509, -11.4791

■ 71.8890, -35.4413,
-19.1967

■ 240.8380,
-41.3321, 3.6501

■ 48.8310, -24.0737,
-25.2848

■ 247.0200,
-30.5759, 6.9985

■ 29.3500, -14.4695,
-25.7399

■ 250.2120,
-18.3455, 4.1991

■ 17.6100, -8.6817,
-15.4440

■ 253.6320, -5.2416,

■ 0.0000, 0.0000,

1.1997

0.0000

■ 147.3660,
-48.9874, -14.3530

■ 147.3660,
-48.9874, -14.3530

■ 143.5200,
-55.9654, -16.2420

■ 151.2120,
-42.0095, -12.4639

■ 139.7880,
-62.5065, -18.2311

■ 154.9440,
-35.4684, -10.4749

■ 136.8110,
-67.4478, -20.0052

■ 158.7900,
-28.4905, -8.5858

■ 162.5220,
-21.9493, -6.5968

■ 166.3680,
-14.9714, -4.7077

■ 170.1000, -8.4303,
-2.7187

■ 173.9460, -1.4524,
-0.8296

■ 177.9770, 4.9413,
1.7742

■ 181.8230, 11.9193,
3.6632

Harmonies

Analogous

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



152.8790, -63.5373, 32.5551



147.3660, -48.9874, -14.3530



127.7690, -13.6901, -89.2514

Triad

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



147.3660, -48.9874, -14.3530



135.9040, 58.7143, -119.1878



155.8750, 3.5126, 86.9326

Complementary

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



147.3660, -48.9874, -14.3530



75.6340, 48.9874, 14.3530

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.



164.7140, 27.7490, 59.8868



147.3660, -48.9874, -14.3530



127.6860, 62.7658, -111.9806

Square

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



147.3660, -48.9874, -14.3530



135.4360, 41.6901, -118.7774



162.3240, 45.6893, -1.1611



153.9590, -24.1368, 88.6130

Rectangle

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



147.3660, -48.9874, -14.3530



126.2020, 6.3094, -110.6792



162.3240, 45.6893, -1.1611



159.3290, 11.6698, 83.9035

Sweetspot

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



147.3660, -48.9874, -14.3530



216.2170, -19.3340, -5.4523



110.6270, -30.8751, 56.4551



108.2910, -11.4825, -3.7632



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



147.3660, -48.9874, -14.3530



184.2100, -76.0255, -22.1092



128.8280, -39.8482, -52.4692



85.0770, -3.4890, -0.9445



117.3520, -57.8545, -16.9717



17.9860, -8.8671, -2.6187

Inverse Universe

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



75.6340, 48.9874, 14.3530



72.7900, 76.0255, 22.1092



94.1720, 39.8482, 52.4692



79.9230, 3.4890, 0.9445



32.6480, 57.8545, 16.9717



5.0140, 8.8671, 2.6187

Previews

White Background



This preview shows how the YUV color 147.3660, -48.9874, -14.3530 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 147.3660, -48.9874, -14.3530 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 147.3660, -48.9874, -14.3530 Background



This preview shows how black text looks on a background with the YUV color 147.3660, -48.9874, -14.3530.



This preview shows how white text looks on a background with the YUV color 147.3660, -48.9874, -14.3530.

-14.3530.

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

147.3660, -48.9874, -14.3530

Protanopia

153.3430, -53.9061, 23.3782

Deuteranopia

156.4080, -49.0081, 39.1072



Tritanopia

159.3990, 8.1843, -11.7509

Trichromacy



Original Color

147.3660, -48.9874, -14.3530

Protanomaly

151.0100, -52.2629, 9.6382

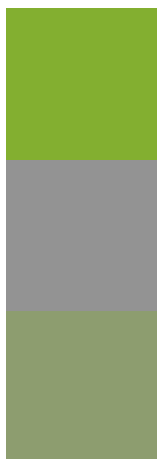
Deuteranomaly

153.2870, -48.9485, 19.9193

Tritanomaly

154.8940, -12.7657, -12.1850

Monochromacy



Original Color

147.3660, -48.9874, -14.3530

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.9720, -17.7342, -5.2374

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.3660, -48.9874, -14.3530 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(131, 175, 48)` looks like.

```
.text, #text, p{  
    color:rgb(131, 175, 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(131, 175, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 175, 48) }
```

Border

The CSS property to change the border of an element to YUV 147.3660, -48.9874, -14.3530 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(131, 175, 48) }
```


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

```
.border{ border-color:rgb(131, 175, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 175, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 175, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 175, 48);  
box-shadow:4px 4px 4px 4px rgb(131, 175,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 147.3660, -48.9874, -14.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 175, 48) }
```

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

```
.background{ background-color: rgb(131,  
175, 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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