

Converting Colors

YUV(144.4110, -47.5306,
-61.7504)

Have a look what the booklet for
YUV(144.4110, -47.5306, -61.7504)
contains.

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Color

**YUV(144.4110, -47.5306,
-61.7504)**

Conversions

Conversions Part 1

Format	Color
Hex	4AC730
RGB	74, 199, 48
RGB Percent	29%, 78%, 19%
CMY	0.7098, 0.2196, 0.8118
CMYK	0.63, 0.00, 0.76, 0.22
HSL	110°, 61%, 48%
HSV	110°, 76%, 78%
XYZ	23.7810, 42.5161, 9.7493
YIQ	144.4110, -26.0290, -73.4610

Conversions

Conversions Part 2

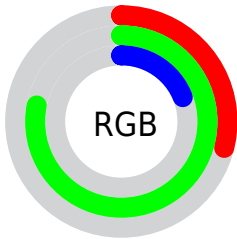
Format	Color
RYB	48, 199, 173
Decimal	4900656
CIELab	71.23, -60.91, 60.91
CIELCh	71, 86.139, 134.996
Yxy	42.5161, 0.3127, 0.5591
Android (android.graphics.Color)	4283090736 (0xFF4AC730)
YUV	144.4110, -47.5306, -61.7504
Hunter-Lab	65.2044, -49.0061, 36.7780

Details

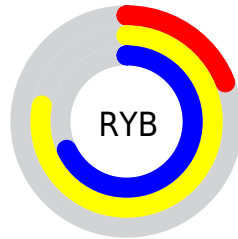
The YUV color **144.4110, -47.5306, -61.7504** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **102.5890, 47.5306, 61.7504**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.6180, -48.1257, -57.5470**, and **84.5280, -41.6723, -74.1311** is the 20% darker color. If you saturate the color by 10%, you get **137.3470, -53.9081, -69.5873**, and if you desaturate by 10%, it is **151.4750, -41.1532, -53.9136**.

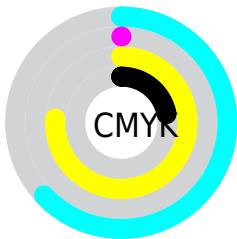
Distribution



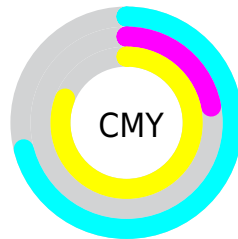
- Red (29%)
- Green (78%)
- Blue (19%)



- Red (19%)
- Yellow (78%)
- Blue (68%)



- Cyan (63%)
- Magenta (0%)
- Yellow (76%)
- Black (22%)



- Cyan (71%)
- Magenta (22%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.4110, -47.5306, -61.7504 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 144.4110, -47.5306, -61.7504 by changing the saturation by 10% instead.

■ 144.4110,
-47.5306, -61.7504

■ 144.4110,
-47.5306, -61.7504

■ 255.0000, 0.0000,
0.0000

■ 111.7540,
-51.1507, -67.3133

■ 202.6180,
-48.1257, -57.5470

■ 84.5280, -41.6723,
-74.1311

■ 214.6660,
-40.7543, -41.8031

■ 68.6790, -33.8587,
-60.2315

■ 226.8280,
-32.9462, -26.1592

■ 53.4170, -26.3346,
-46.8467

■ 238.9900,
-25.1381, -10.5152

■ 38.7420, -19.0998,
-33.9767

■ 250.6680,
-16.5983, 3.7992

■ 25.2410, -12.4438,
-22.1364

■ 254.0880, -3.4944,

■ 4.6960, -2.3151,

0.7998

-4.1184

■ 0.0000, 0.0000,
0.0000

■ 144.4110,
-47.5306, -61.7504

■ 144.4110,
-47.5306, -61.7504

■ 137.3470,
-53.9081, -69.5873

■ 151.4750,
-41.1532, -53.9136

■ 129.9840,
-60.1381, -78.0390

■ 158.8380,
-34.9231, -45.4619

■ 126.9790,
-62.6006, -81.5426

■ 165.9020,
-28.5457, -37.6251

■ 173.2650,
-22.3156, -29.1734

■ 180.3290,
-15.9382, -21.3365

■ 187.5780,
-10.1450, -12.7849

■ 194.6420, -3.7675,
-4.9480

■ 202.0050, 2.4625,
3.5036

■ 209.0690, 8.8400,
11.3405

Harmonies

Analogous

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



159.1480, -78.4600, 12.1482



144.4110, -47.5306, -61.7504



136.4430, -2.6834, -119.6605

Triad

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



144.4110, -47.5306, -61.7504



143.5350, 54.9522, -125.8802



143.1600, -2.0509, 98.0837

Complementary

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



144.4110, -47.5306, -61.7504



102.5890, 47.5306, 61.7504

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.



156.7480, 29.7042, 86.1670



144.4110, -47.5306, -61.7504



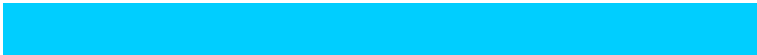
145.3050, 54.0796, -79.1975

Square

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



144.4110, -47.5306, -61.7504



149.9920, 51.7689, -131.5430



175.3020, 39.2911, 44.4621



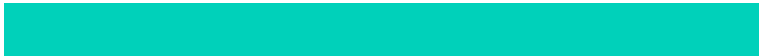
153.9810, -44.3606, 88.5937

Rectangle

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



144.4110, -47.5306, -61.7504



143.8870, 20.7617, -126.1889



175.3020, 39.2911, 44.4621



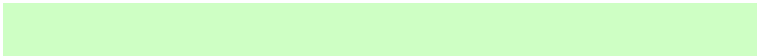
144.3630, 10.1740, 97.0286

Sweetspot

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



144.4110, -47.5306, -61.7504



233.6230, -18.5481, -24.2254



165.3500, -57.8535, 29.5111



114.9260, -11.3025, -14.8441



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.



144.4110, -47.5306, -61.7504



171.1440, -73.0350, -94.8423



142.1090, -22.7317, -82.5336



95.5820, -2.7519, -4.0184



104.0530, -51.2981, -66.6985



22.9260, -11.3025, -14.8441

Inverse Universe

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



102.5890, 47.5306, 61.7504



106.8560, 73.0350, 94.8423



104.8910, 22.7317, 82.5336



93.4180, 2.7519, 4.0184



58.9470, 51.2981, 66.6985



13.0740, 11.3025, 14.8441

Previews

White Background



This preview shows how the YUV color 144.4110, -47.5306, -61.7504 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 144.4110, -47.5306, -61.7504 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 144.4110, -47.5306, -61.7504 Background



This preview shows how black text looks on a background with the YUV color 144.4110, -47.5306, -61.7504.



This preview shows how white text looks on a background with the YUV color 144.4110, -47.5306, -61.7504.

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

144.4110, -47.5306, -61.7504

Protanopia

164.2310, -60.7529, 26.1074

Deuteranopia

167.9200, -52.2186, 42.1662



Tritanopia

163.9750, 17.7603, -49.9671

Trichromacy



Original Color

144.4110, -47.5306, -61.7504



Protanomaly

156.7000, -55.5611, -5.8759



Deuteranomaly

159.4330, -50.4995, 4.0053



Tritanomaly

157.0520, -5.9416, -54.4196

Monochromacy



Original Color

144.4110, -47.5306, -61.7504



Achromatopsia

144.0000, 0.0000, 0.0000



Achromatomaly

144.2750, -17.3906, -22.1662

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.4110, -47.5306, -61.7504 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(74, 199, 48)` looks like.

```
.text, #text, p{  
    color:rgb(74, 199, 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(74, 199, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 199, 48) }
```

Border

The CSS property to change the border of an element to YUV 144.4110, -47.5306, -61.7504 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(74, 199, 48) }
```


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

```
.border{ border-color:rgb(74, 199, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 199, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 199, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 199, 48);  
box-shadow:4px 4px 4px 4px rgb(74, 199,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 144.4110, -47.5306, -61.7504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 199, 48) }
```

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

```
.background{ background-color: rgb(74, 199,  
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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