

Converting Colors

YUV(136.5610, 49.5164,
-15.4010)

Have a look what the booklet for
YUV(136.5610, 49.5164, -15.4010)
contains.

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Color

**YUV(136.5610, 49.5164,
-15.4010)**

Conversions

Conversions Part 1

Format	Color
Hex	777EED
RGB	119, 126, 237
RGB Percent	47%, 49%, 93%
CMY	0.5333, 0.5059, 0.0706
CMYK	0.50, 0.47, 0.00, 0.07
HSL	236°, 77%, 70%
HSV	236°, 50%, 93%
XYZ	30.3547, 24.9581, 83.3383
YIQ	136.5610, -39.8030, 33.0370

Conversions

Conversions Part 2

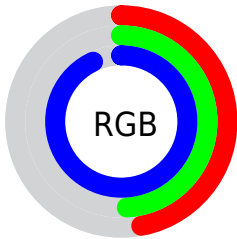
Format	Color
R _Y B	119, 126, 237
Decimal	7831277
CIE Lab	57.03, 26.96, -57.03
CIE LCh	57, 63.079, 295.307
Yxy	24.9581, 0.2189, 0.1800
Android (android.graphics.Color)	4286021357 (0xFF777EED)
YUV	136.5610, 49.5164, -15.4010
Hunter-Lab	49.9581, 21.0305, -63.9349

Details

The YUV color **136.5610, 49.5164, -15.4010** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **219.4390, -49.5164, 15.4010**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.0660, 33.4915, -8.8279**, and **83.0610, 47.7909, -21.9785** is the 20% darker color. If you saturate the color by 10%, you get **116.4710, 59.4208, -18.8301**, and if you desaturate by 10%, it is **156.6510, 39.6121, -11.9719**.

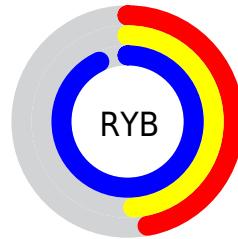
Distribution



Red (47%)

Green (49%)

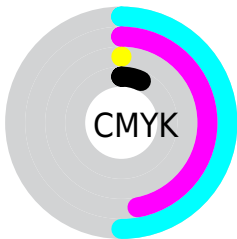
Blue (93%)



Red (47%)

Yellow (49%)

Blue (93%)

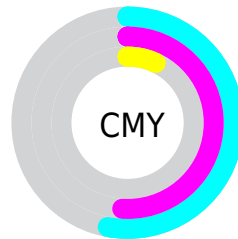


Cyan (50%)

Magenta (47%)

Yellow (0%)

Black (7%)



Cyan (53%)

Magenta (51%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.5610, 49.5164, -15.4010 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 136.5610, 49.5164, -15.4010 by changing the saturation by 10% instead.

■ 136.5610, 49.5164,
-15.4010

■ 136.5610, 49.5164,
-15.4010

255.0000, 0.0000,
0.0000

■ 109.6100, 48.5063,
-18.0750

■ 187.0660, 33.4915,
-8.8279

■ 83.0610, 47.7909,
-21.9785

■ 211.8850, 21.2557,
-4.2841

■ 53.9130, 48.8499,
-35.0037

■ 236.9920, 8.8779,
-0.8700

■ 34.3220, 45.1973,
-30.1004

■ 20.3190, 39.7757,
-17.8198

■ 8.6640, 33.1966,
-7.5983

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 136.5610, 49.5164,
-15.4010

■ 136.5610, 49.5164,
-15.4010

■ 116.4710, 59.4208,
-18.8301

■ 156.6510, 39.6121,
-11.9719

■ 96.0930, 69.4672,
-21.1296

■ 177.0290, 29.5657,
-9.6724

■ 76.0030, 79.3715,
-24.5586

■ 197.1190, 19.6613,
-6.2434

■ 55.9130, 89.2759,
-27.9877

■ 217.2090, 9.7570,
-2.8143

■ 35.8230, 99.1803,
-31.4168

■ 237.0000, 0.0000,
0.0000

■ 35.2360, 99.4697,
-30.9020

■ 252.9480, -7.8624,
1.7996

Harmonies

Analogous

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



113.8600, 65.6380, -99.8552



136.5610, 49.5164, -15.4010



140.3920, 29.3867, 47.8912

Triad

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



136.5610, 49.5164, -15.4010



132.2020, -42.9906, 69.1058



109.4580, 8.1552, -95.9947

Complementary

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



136.5610, 49.5164, -15.4010



219.4390, -49.5164, 15.4010

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.



109.7070, -19.5756, -68.1490



136.5610, 49.5164, -15.4010



128.0260, -63.1168, 37.6882

Square

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



136.5610, 49.5164, -15.4010



131.3380, -18.9006, 89.1576



124.2100, -52.3615, -5.4462



115.8420, 32.6159, -101.5934

Rectangle

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



136.5610, 49.5164, -15.4010



135.7840, 14.8965, 75.6114



124.2100, -52.3615, -5.4462



106.7050, 0.1454, -93.5803

Sweetspot

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



136.5610, 49.5164, -15.4010



222.5060, 16.0195, -4.8288



200.8060, 13.8996, -71.7439



108.2090, 9.7570, -2.8143



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.



136.5610, 49.5164, -15.4010



124.7250, 64.2256, -19.9298



147.7010, 44.0244, 19.5562



107.2540, 4.8048, -1.0998



27.0910, 75.8771, -23.7588



7.9170, 22.7189, -6.9432

Inverse Universe

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



155.0800, -14.3364, 71.8438



148.7730, -18.6221, 93.1611



208.2990, -44.0244, -19.5562



109.2890, -1.6215, 6.7625



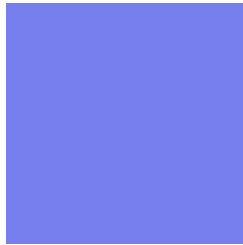
55.3730, -21.8759, 110.1749



16.4880, -6.6496, 32.8980

Previews

White Background



This preview shows how the YUV color 136.5610, 49.5164, -15.4010 looks on a white background.

Color Contrast Check

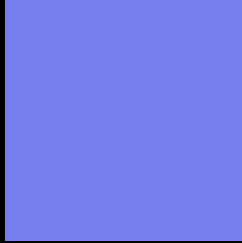
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.5610, 49.5164, -15.4010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

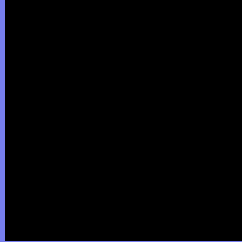
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.5610, 49.5164, -15.4010

Background



This preview shows how black text looks on a background with the YUV color 136.5610, 49.5164, -15.4010.



This preview shows how white text looks on a background with the YUV color 136.5610, 49.5164, -15.4010.

-15.4010.

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

136.5610, 49.5164, -15.4010

Protanopia

131.0030, 55.7075, -41.2216

Deuteranopia

126.2200, 53.1355, -56.3209



Tritanopia

131.0050, 12.3225, -32.4534

Trichromacy



Original Color

136.5610, 49.5164, -15.4010

Protanomaly

132.7870, 53.3490, -31.3852

Deuteranomaly

130.2650, 51.6344, -41.4514

Tritanomaly

132.8930, 25.6888, -26.2162

Monochromacy



Original Color

136.5610, 49.5164, -15.4010

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.6630, 17.9141, -5.8435

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.5610, 49.5164, -15.4010 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(119, 126, 237)` looks like.

```
.text, #text, p{  
    color:rgb(119, 126, 237)  
}
```

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(119, 126, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 126, 237) }
```

Border

The CSS property to change the border of an element to YUV 136.5610, 49.5164, -15.4010 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(119, 126, 237) }
```


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

```
.border{ border-color:rgb(119, 126, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 126, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 126, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 126, 237);  
box-shadow:4px 4px 4px 4px rgb(119, 126,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 136.5610, 49.5164, -15.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 126, 237) }
```

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

```
.background{ background-color: rgb(119,  
126, 237) }
```

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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