

Converting Colors

YUV(136.9750, 48.3263,
-6.9941)

Have a look what the booklet for
YUV(136.9750, 48.3263, -6.9941)
contains.

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Color

**YUV(136.9750, 48.3263,
-6.9941)**

Conversions

Conversions Part 1

Format	Color
Hex	817AEB
RGB	129, 122, 235
RGB Percent	51%, 48%, 92%
CMY	0.4941, 0.5216, 0.0784
CMYK	0.45, 0.48, 0.00, 0.08
HSL	244°, 74%, 70%
HSV	244°, 48%, 92%
XYZ	31.0082, 24.5844, 81.7082
YIQ	136.9750, -32.1010, 36.6270

Conversions

Conversions Part 2

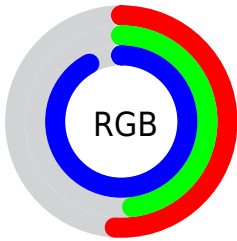
Format	Color
RYB	129, 122, 235
Decimal	8485611
CIELab	56.67, 30.98, -56.46
CIELCh	57, 64.397, 298.755
Yxy	24.5844, 0.2258, 0.1791
Android (android.graphics.Color)	4286675691 (0xFF817AEB)
YUV	136.9750, 48.3263, -6.9941
Hunter-Lab	49.5826, 24.8615, -62.9974

Details

The YUV color **136.9750, 48.3263, -6.9941** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **220.0250, -48.3263, 6.9941**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.7080, 33.1750, -0.6209**, and **84.3720, 46.1586, -11.7272** is the 20% darker color. If you saturate the color by 10%, you get **116.3090, 58.5147, -8.1640**, and if you desaturate by 10%, it is **157.6410, 38.1380, -5.8242**.

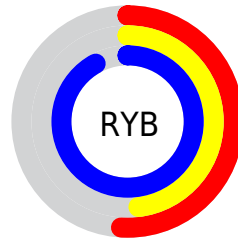
Distribution



Red (51%)

Green (48%)

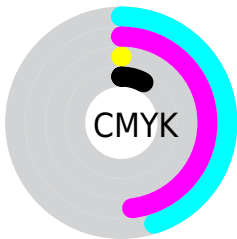
Blue (92%)



Red (51%)

Yellow (48%)

Blue (92%)

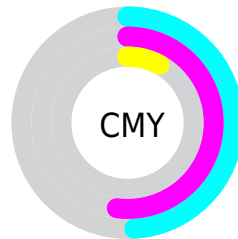


Cyan (45%)

Magenta (48%)

Yellow (0%)

Black (8%)



Cyan (49%)

Magenta (52%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.9750, 48.3263, -6.9941 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 136.9750, 48.3263, -6.9941 by changing the saturation by 10% instead.

■ 136.9750, 48.3263,
-6.9941

■ 136.9750, 48.3263,
-6.9941

255.0000, 0.0000,
0.0000

■ 110.3230, 47.1688,
-9.0533

■ 187.7080, 33.1750,
-0.6209

■ 84.3720, 46.1586,
-11.7272

■ 212.2280, 21.0866,
3.3080

■ 58.2140, 45.7435,
-18.6047

■ 237.6340, 8.5614,
7.3370

■ 31.8600, 45.9180,
-27.9412

■ 17.1560, 40.3491,
-15.0458

■ 8.4360, 32.3231,
-7.3984

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 136.9750, 48.3263,
-6.9941

■ 136.9750, 48.3263,
-6.9941

■ 116.3090, 58.5147,
-8.1640

■ 157.6410, 38.1380,
-5.8242

■ 96.2300, 68.4136,
-9.8487

■ 177.7200, 28.2390,
-4.1394

■ 76.1510, 78.3126,
-11.5334

■ 198.3860, 18.0507,
-2.9695

■ 55.4850, 88.5009,
-12.7033

■ 218.4650, 8.1518,
-1.2848

■ 34.8190, 98.6892,
-13.8733

■ 239.1310, -2.0366,
-0.1149

■ 31.2750, 100.4364,
-14.2732

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



112.3270, 67.3798, -98.5108



136.9750, 48.3263, -6.9941



138.6810, 27.7653, 54.6538

Triad

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



136.9750, 48.3263, -6.9941



130.5670, -46.6215, 67.0317



109.5550, 11.0654, -96.0797

Complementary

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



136.9750, 48.3263, -6.9941



220.0250, -48.3263, 6.9941

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.



100.5950, -13.1113, -88.2218



136.9750, 48.3263, -6.9941



127.4060, -62.8112, 32.9699

Square

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



136.9750, 48.3263, -6.9941



129.5400, -21.9582, 89.8574



121.6330, -50.5981, -11.0791



116.0530, 35.9629, -101.7785

Rectangle

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



136.9750, 48.3263, -6.9941



133.3610, 13.1330, 81.2444



121.6330, -50.5981, -11.0791



107.2750, 2.3294, -94.0802

Sweetspot

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



136.9750, 48.3263, -6.9941



224.0010, 15.2825, -1.7549



197.6910, 18.3933, -66.3810



108.8070, 9.4621, -1.5847



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.



136.9750, 48.3263, -6.9941



126.5630, 63.3194, -9.2638



153.4200, 40.2189, 26.8187



107.2540, 4.8048, -1.0998



23.9230, 77.4390, -11.3335



7.0530, 23.1449, -3.5545

Inverse Universe

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



167.8710, 29.6436, 58.8721



167.0980, 38.8987, 77.0901



203.5800, -40.2189, -26.8187



110.5430, 3.1833, 5.6628



73.4990, 47.5750, 94.2784



21.8460, 13.8799, 28.1991

Previews

White Background



This preview shows how the YUV color 136.9750, 48.3263, -6.9941 looks on a white background.

Color Contrast Check

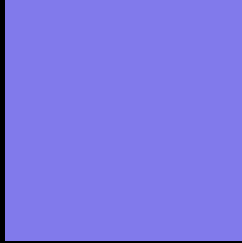
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.9750, 48.3263, -6.9941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

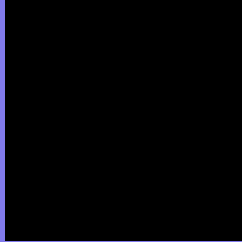
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.9750, 48.3263, -6.9941

Background



This preview shows how black text looks on a background with the YUV color 136.9750, 48.3263, -6.9941.



This preview shows how white text looks on a background with the YUV color 136.9750, 48.3263, -6.9941.

-6.9941.

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

136.9750, 48.3263, -6.9941

Protanopia

129.6330, 56.8759, -42.6511

Deuteranopia

126.3020, 52.1091, -53.7619



Tritanopia

132.2020, 10.2534, -22.1022

Trichromacy



Original Color

136.9750, 48.3263, -6.9941

Protanomaly

131.9120, 53.7804, -29.7408

Deuteranomaly

130.3580, 50.6025, -37.1480

Tritanomaly

133.9050, 24.2038, -16.5797

Monochromacy



Original Color

136.9750, 48.3263, -6.9941

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.2720, 17.6139, -2.8695

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.9750, 48.3263, -6.9941 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(129, 122, 235)` looks like.

```
.text, #text, p{  
    color:rgb(129, 122, 235)  
}
```

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(129, 122, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 122, 235) }
```

Border

The CSS property to change the border of an element to YUV 136.9750, 48.3263, -6.9941 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(129, 122, 235) }
```


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

```
.border{ border-color:rgb(129, 122, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 122, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 122, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 122, 235);  
box-shadow:4px 4px 4px 4px rgb(129, 122,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 136.9750, 48.3263, -6.9941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 122, 235) }
```

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

```
.background{ background-color: rgb(129,  
122, 235) }
```

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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