

Converting Colors

YUV(138.1710, 47.7367,
-4.5350)

Have a look what the booklet for
YUV(138.1710, 47.7367, -4.5350)
contains.

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Color

**YUV(138.1710, 47.7367,
-4.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	857AEB
RGB	133, 122, 235
RGB Percent	52%, 48%, 92%
CMY	0.4784, 0.5216, 0.0784
CMYK	0.43, 0.48, 0.00, 0.08
HSL	246°, 74%, 70%
HSV	246°, 48%, 92%
XYZ	31.6278, 24.9038, 81.7372
YIQ	138.1710, -29.7170, 37.4750

Conversions

Conversions Part 2

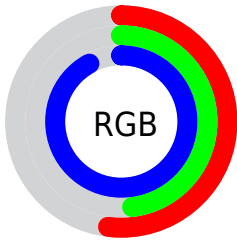
Format	Color
R _Y B	133, 122, 235
Decimal	8747755
CIE Lab	56.98, 31.91, -55.94
CIE LCh	57, 64.397, 299.700
Yxy	24.9038, 0.2287, 0.1801
Android (android.graphics.Color)	4286937835 (0xFF857AEB)
YUV	138.1710, 47.7367, -4.5350
Hunter-Lab	49.9037, 25.7977, -62.1785

Details

The YUV color **138.1710, 47.7367, -4.5350** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **218.8290, -47.7367, 4.5350**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.9040, 32.5853, 1.8382**, and **85.5680, 45.5690, -9.2681** is the 20% darker color. If you saturate the color by 10%, you get **117.8040, 57.7776, -5.0901**, and if you desaturate by 10%, it is **158.5380, 37.6958, -3.9798**.

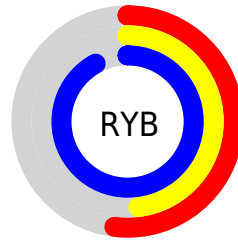
Distribution



Red (52%)

Green (48%)

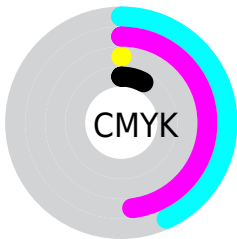
Blue (92%)



Red (52%)

Yellow (48%)

Blue (92%)

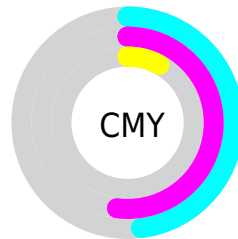


Cyan (43%)

Magenta (48%)

Yellow (0%)

Black (8%)



Cyan (48%)

Magenta (52%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.1710, 47.7367, -4.5350 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 138.1710, 47.7367, -4.5350 by changing the saturation by 10% instead.

■ 138.1710, 47.7367,
-4.5350

■ 138.1710, 47.7367,
-4.5350

255.0000, 0.0000,
0.0000

■ 111.5190, 46.5791,
-6.5942

■ 188.9040, 32.5853,
1.8382

■ 85.5680, 45.5690,
-9.2681

■ 213.4240, 20.4970,
5.7672

■ 59.7200, 45.0010,
-13.7864

■ 238.8300, 7.9718,
9.7961

■ 31.2730, 46.2074,
-27.4264

■ 16.5690, 40.6385,
-14.5310

■ 8.4360, 32.3231,
-7.3984

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 138.1710, 47.7367,
-4.5350

■ 138.1710, 47.7367,
-4.5350

■ 117.8040, 57.7776,
-5.0901

■ 158.5380, 37.6958,
-3.9798

■ 98.0240, 67.5292,
-6.1600

■ 178.3180, 27.9442,
-2.9099

■ 77.9450, 77.4281,
-7.8448

■ 198.9840, 17.7559,
-1.7400

■ 57.5780, 87.4690,
-8.3999

■ 218.7640, 8.0043,
-0.6700

■ 37.2110, 97.5100,
-8.9550

■ 239.1310, -2.0366,
-0.1149

■ 33.6670, 99.2572,
-9.3550

■ 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.



113.0280, 67.5272, -99.1256



138.1710, 47.7367, -4.5350



139.1650, 27.0337, 55.9833

Triad

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



138.1710, 47.7367, -4.5350



131.6270, -47.6371, 66.1021



110.3700, 11.6496, -96.7945

Complementary

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



138.1710, 47.7367, -4.5350



218.8290, -47.7367, 4.5350

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.



101.5240, -12.0903, -89.0365



138.1710, 47.7367, -4.5350



127.6940, -62.9531, 31.8404

Square

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



138.1710, 47.7367, -4.5350



131.0130, -22.6844, 89.4426



122.2630, -49.4297, -12.5087



116.8680, 36.5471, -102.4932

Rectangle

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



138.1710, 47.7367, -4.5350



134.1330, 12.2594, 81.4444



122.2630, -49.4297, -12.5087



107.6170, 3.6398, -94.3801

Sweetspot

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



138.1710, 47.7367, -4.5350



224.3000, 15.1351, -1.1401



195.9300, 19.2615, -64.8366



109.1060, 9.3147, -0.9700



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.



138.1710, 47.7367, -4.5350



128.0580, 62.5824, -6.1899



154.6160, 39.6293, 29.2778



107.5530, 4.6574, -0.4850



26.0160, 76.4071, -7.0300



7.6510, 22.8501, -2.3249

Inverse Universe

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



167.4150, 27.8964, 59.2720



166.5280, 36.7147, 77.5899



202.3840, -39.6293, -29.2778



110.4290, 2.7465, 5.7628



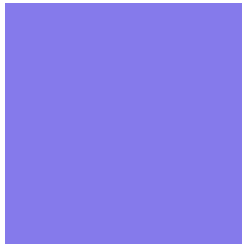
72.7010, 44.5174, 94.9782



21.6180, 13.0063, 28.3990

Previews

White Background



This preview shows how the YUV color 138.1710, 47.7367, -4.5350 looks on a white background.

Color Contrast Check

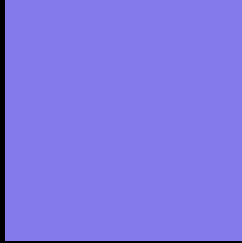
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.1710, 47.7367, -4.5350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

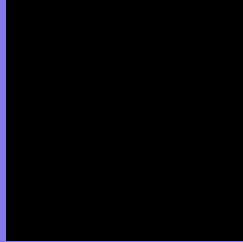
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.1710, 47.7367, -4.5350

Background



This preview shows how black text looks on a background with the YUV color 138.1710, 47.7367, -4.5350.



This preview shows how white text looks on a background with the YUV color 138.1710, 47.7367, -4.5350.

-4.5350.

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

138.1710, 47.7367, -4.5350

Protanopia

130.6330, 56.8759, -42.6511

Deuteranopia

127.6720, 50.9407, -52.3323



Tritanopia

133.6970, 9.5164, -19.0283

Trichromacy



Original Color

138.1710, 47.7367, -4.5350

Protanomaly

133.5100, 53.4856, -28.5113

Deuteranomaly

131.4400, 49.5761, -34.5889

Tritanomaly

135.4000, 23.4668, -13.5058

Monochromacy



Original Color

138.1710, 47.7367, -4.5350

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.8700, 17.3191, -1.6400

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.1710, 47.7367, -4.5350 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(133, 122, 235)` looks like.

```
.text, #text, p{  
    color:rgb(133, 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(133, 122, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 122, 235) }
```

Border

The CSS property to change the border of an element to YUV 138.1710, 47.7367, -4.5350 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(133, 122, 235) }
```


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

```
.border{ border-color:rgb(133, 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(133, 122, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 122, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 122, 235);  
box-shadow:4px 4px 4px 4px rgb(133, 122,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 138.1710, 47.7367, -4.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 122, 235) }
```

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

```
.background{ background-color: rgb(133,  
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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