

Converting Colors

YUV(138.5000, 18.4875,
-3.0695)

Have a look what the booklet for
YUV(138.5000, 18.4875, -3.0695)
contains.

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Color

**YUV(138.5000, 18.4875,
-3.0695)**

Conversions

Conversions Part 1

Format	Color
Hex	8785B0
RGB	135, 133, 176
RGB Percent	53%, 52%, 69%
CMY	0.4706, 0.4784, 0.3098
CMYK	0.23, 0.24, 0.00, 0.31
HSL	243°, 21%, 61%
HSV	243°, 24%, 69%
XYZ	26.2157, 25.0605, 44.5297
YIQ	138.5000, -12.6110, 13.7970

Conversions

Conversions Part 2

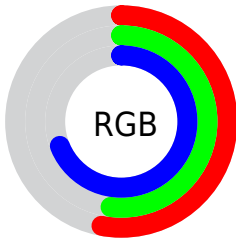
Format	Color
RYB	135, 133, 176
Decimal	8881584
CIELab	57.13, 10.24, -22.36
CIELCh	57, 24.592, 294.596
Yxy	25.0605, 0.2736, 0.2616
Android (android.graphics.Color)	4287071664 (0xFF8785B0)
YUV	138.5000, 18.4875, -3.0695
Hunter-Lab	50.0605, 5.8710, -17.6972

Details

The YUV color $138.5000, 18.4875, -3.0695$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $170.5000, -18.4875, 3.0695$, and the grayscale version is $138.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $192.1410, 19.6505, -2.7547$, and $88.4460, 17.0351, -3.8991$ is the 20% darker color. If you saturate the color by 10%, you get $122.8510, 26.2025, -4.2543$, and if you desaturate by 10%, it is $154.1490, 10.7725, -1.8847$.

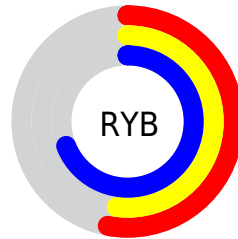
Distribution



Red (53%)

Green (52%)

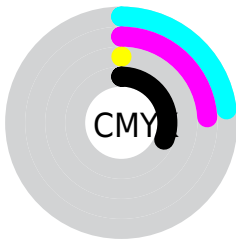
Blue (69%)



Red (53%)

Yellow (52%)

Blue (69%)

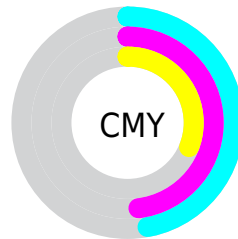


Cyan (23%)

Magenta (24%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (48%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.5000, 18.4875, -3.0695 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 138.5000, 18.4875, -3.0695 by changing the saturation by 10% instead.

■ 138.5000, 18.4875,
-3.0695

■ 138.5000, 18.4875,
-3.0695

■ 255.0000, 0.0000,
0.0000

■ 112.9730, 17.7613,
-3.4843

■ 192.1410, 19.6505,
-2.7547

■ 88.4460, 17.0351,
-3.8991

■ 219.5710, 17.4665,
-2.2548

■ 64.9190, 16.3089,
-4.3140

■ 244.6780, 5.0887,
1.1594

■ 42.3920, 15.5827,
-4.7288

■ 21.1530, 14.7146,
-6.2732

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,

0.0000

■ 138.5000, 18.4875,
-3.0695

■ 138.5000, 18.4875,
-3.0695

■ 122.8510, 26.2025,
-4.2543

■ 154.1490, 10.7725,
-1.8847

■ 107.7890, 33.6280,
-5.9540

■ 169.2110, 3.3470,
-0.1850

■ 92.4390, 41.1956,
-6.5240

■ 184.5610, -4.2206,
0.3850

■ 77.3770, 48.6211,
-8.2236

■ 199.6230,
-11.6461, 2.0846

■ 61.7280, 56.3361,
-9.4085

■ 215.2720,
-19.3611, 3.2695

■ 46.0790, 64.0511,
-10.5933

■ 230.9210,
-27.0761, 4.4543

■ 31.3160, 71.3292,
-11.6781

■ 245.0970,
-34.0648, 6.0539

■ 22.4560, 75.6972,
-12.6779

■ 245.9940,
-34.5070, 7.8983

Harmonies

Analogous

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



133.6820, 22.3418, -26.0311



138.5000, 18.4875, -3.0695



140.5690, 10.5655, 17.9180

Triad

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



138.5000, 18.4875, -3.0695



137.7190, -17.1165, 30.0644



127.9260, 2.0085, -37.6461

Complementary

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



138.5000, 18.4875, -3.0695



170.5000, -18.4875, 3.0695

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.



131.0610, -9.3971, -19.3475



138.5000, 18.4875, -3.0695



136.1320, -20.2781, 17.4242

Square

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



138.5000, 18.4875, -3.0695



139.1140, -9.4232, 35.8570



134.0050, -17.7505, -0.0044



125.9490, 13.8291, -49.0673

Rectangle

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



138.5000, 18.4875, -3.0695



140.9140, 3.9864, 28.1394



134.0050, -17.7505, -0.0044



128.9330, -1.9390, -31.5132

Sweetspot

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



138.5000, 18.4875, -3.0695



215.2370, 7.2782, -1.0848



162.5560, 6.6279, -25.9206



107.0260, 3.9312, -0.8998



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.



138.5000, 18.4875, -3.0695



171.5350, 28.8232, -4.8542



144.7790, 15.3920, 9.8408



81.3250, 3.7838, -0.2850



19.5350, 65.7982, -10.9932



3.2630, 11.2093, -1.9847

Inverse Universe

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



150.5310, 11.5702, 22.3363



190.2150, 17.6420, 34.8914



164.2210, -15.3920, -9.8408



83.7170, 2.6045, 4.6332



62.3910, 41.2192, 79.4641



10.5100, 6.6506, 13.5847

Previews

White Background



This preview shows how the YUV color 138.5000, 18.4875, -3.0695 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 138.5000, 18.4875, -3.0695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

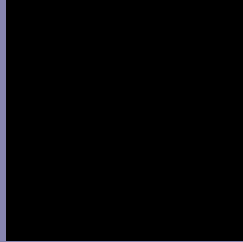
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.5000, 18.4875, -3.0695

Background



This preview shows how black text looks on a background with the YUV color 138.5000, 18.4875, -3.0695.



This preview shows how white text looks on a background with the YUV color 138.5000, 18.4875, -3.0695.

-3.0695.

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

138.5000, 18.4875, -3.0695

Protanopia

137.7980, 19.8196, -10.3468

Deuteranopia

138.1790, 18.6458, -7.1730



Tritanopia

136.8620, 5.9840, -6.0180

Trichromacy



Original Color

138.5000, 18.4875, -3.0695

Protanomaly

137.9940, 19.2300, -7.8877

Deuteranomaly

138.1900, 18.6403, -5.4286

Tritanomaly

137.4260, 10.6360, -4.7586

Monochromacy



Original Color

138.5000, 18.4875, -3.0695

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.0090, 6.4046, -0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.5000, 18.4875, -3.0695 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(135, 133, 176)` looks like.

```
.text, #text, p{  
    color:rgb(135, 133, 176)  
}
```

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(135, 133, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 133, 176) }
```

Border

The CSS property to change the border of an element to YUV 138.5000, 18.4875, -3.0695 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(135, 133, 176) }
```


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

```
.border{ border-color:rgb(135, 133, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 133, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 133, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 133, 176);  
box-shadow:4px 4px 4px 4px rgb(135, 133,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 138.5000, 18.4875, -3.0695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 133, 176) }
```

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

```
.background{ background-color: rgb(135,  
133, 176) }
```

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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