

Converting Colors

YUV(163.7470, -13.1863,
-17.3181)

Have a look what the booklet for
YUV(163.7470, -13.1863, -17.3181)
contains.

YUV(163.7470, -13.1863, -17.3181)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(163.7470, -13.1863,
-17.3181)**

Conversions

Conversions Part 1

Format	Color
Hex	90B389
RGB	144, 179, 137
RGB Percent	56%, 70%, 54%
CMY	0.4353, 0.2980, 0.4627
CMYK	0.20, 0.00, 0.23, 0.30
HSL	110°, 22%, 62%
HSV	110°, 23%, 70%
XYZ	32.1371, 39.9756, 29.6892
YIQ	163.7470, -7.3780, -20.4820

Conversions

Conversions Part 2

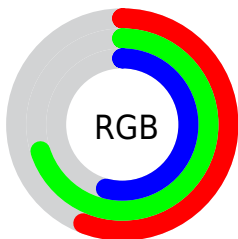
Format	Color
RYB	137, 179, 172
Decimal	9483145
CIELab	69.45, -20.00, 17.64
CIELCh	69, 26.666, 138.583
Yxy	39.9756, 0.3157, 0.3927
Android (android.graphics.Color)	4287673225 (0xFF90B389)
YUV	163.7470, -13.1863, -17.3181
Hunter-Lab	63.2263, -19.9169, 16.4176

Details

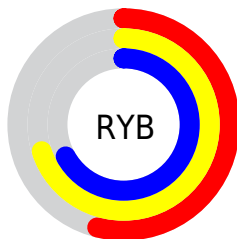
The YUV color **163.7470, -13.1863, -17.3181** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **152.2530, 13.1863, 17.3181**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.9210, -13.7651, -18.3477**, and **111.6870, -12.1707, -16.3885** is the 20% darker color. If you saturate the color by 10%, you get **157.2100, -18.8375, -24.7402**, and if you desaturate by 10%, it is **170.2840, -7.5350, -9.8961**.

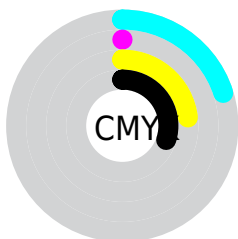
Distribution



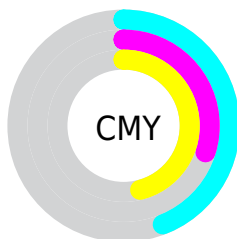
- Red (56%)
- Green (70%)
- Blue (54%)



- Red (54%)
- Yellow (70%)
- Blue (67%)



- Cyan (20%)
- Magenta (0%)
- Yellow (23%)
- Black (30%)



- Cyan (44%)
- Magenta (30%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.7470, -13.1863, -17.3181 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 163.7470, -13.1863, -17.3181 by changing the saturation by 10% instead.

■ 163.7470,
-13.1863, -17.3181

■ 163.7470,
-13.1863, -17.3181

■ 255.0000, 0.0000,
0.0000

■ 137.1600,
-12.8969, -16.8033

■ 218.9210,
-13.7651, -18.3477

■ 111.6870,
-12.1707, -16.3885

■ 242.4100,
-12.0341, -13.5146

■ 87.1000, -11.8813,
-15.8737

■ 254.0880, -3.4944,
0.7998

■ 63.3280, -11.0077,
-16.0737

■ 40.5560, -10.1341,
-16.2736

■ 19.6700, -9.6973,
-16.3736

■ 0.0000, 0.0000,

0.0000

■ 163.7470,
-13.1863, -17.3181

■ 163.7470,
-13.1863, -17.3181

■ 157.2100,
-18.8375, -24.7402

■ 170.2840, -7.5350,
-9.8961

■ 150.6730,
-24.4888, -32.1622

■ 176.8210, -1.8838,
-2.4740

■ 144.1360,
-30.1400, -39.5843

■ 183.3580, 3.7675,
4.9480

■ 137.5990,
-35.7913, -47.0063

■ 189.8950, 9.4188,
12.3701

■ 131.1760,
-41.0058, -54.5284

■ 196.4320, 15.0700,
19.7921

■ 124.6390,
-46.6570, -61.9504

■ 202.8550, 20.2845,
27.3142

■ 118.4010,
-52.4557, -68.7577

■ 208.2950, 23.0256,
34.8213

■ 114.0430,
-56.2232, -73.7057

■ 210.3880, 21.9937,
39.1247

Harmonies

Analogous

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



167.0010, -21.6925, 4.3841



163.7470, -13.1863, -17.3181



160.5300, -0.7543, -38.1758

Triad

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



163.7470, -13.1863, -17.3181



165.0230, 25.1317, -34.2232



172.3750, -8.5659, 40.8901

Complementary

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



163.7470, -13.1863, -17.3181



152.2530, 13.1863, 17.3181

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.



173.7190, 3.0965, 33.5724



163.7470, -13.1863, -17.3181



170.6780, 21.8507, -8.4876

Square

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



163.7470, -13.1863, -17.3181



159.2290, 22.5651, -51.0668



172.8830, 14.3547, 15.8886



171.1220, -18.3011, 36.7270

Rectangle

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



163.7470, -13.1863, -17.3181



158.2820, 8.7350, -48.4823



172.8830, 14.3547, 15.8886



172.9880, -4.9241, 39.4755

Sweetspot

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



163.7470, -13.1863, -17.3181



226.2890, -5.0725, -6.3925



170.1030, -16.3198, 7.8027



113.5820, -2.7519, -4.0184



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



163.7470, -13.1863, -17.3181



208.4440, -20.4319, -26.6994



163.2500, -6.0393, -23.0212



85.8810, -2.8993, -3.4036



97.2860, -47.9620, -63.3948



16.4580, -8.1138, -10.9257

Inverse Universe

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



152.2530, 13.1863, 17.3181



190.5560, 20.4319, 26.6994



152.7500, 6.0393, 23.0212



83.4180, 2.7519, 4.0184



55.7140, 47.9620, 63.3948



9.2430, 8.2612, 10.3109

Previews

White Background



This preview shows how the YUV color 163.7470, -13.1863, -17.3181 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 163.7470, -13.1863, -17.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

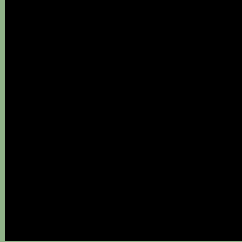
Any Text WCAG AA ✓ Pass

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 163.7470, -13.1863, -17.3181 Background



This preview shows how black text looks on a background with the YUV color 163.7470, -13.1863, -17.3181.



This preview shows how white text looks on a background with the YUV color 163.7470, -13.1863, -17.3181.

-17.3181.

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

163.7470, -13.1863, -17.3181

Protanopia

168.0710, -17.7830, 10.4617

Deuteranopia

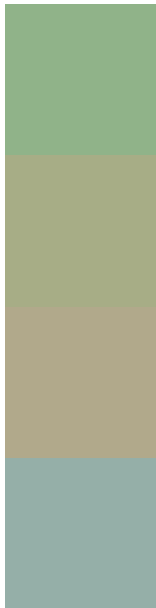
170.2450, -14.9108, 22.5871



Tritanopia

167.6160, 9.0633, -13.6952

Trichromacy



Original Color

163.7470, -13.1863, -17.3181

Protanomaly

166.7600, -16.1507, 0.2105

Deuteranomaly

167.9720, -14.2832, 7.9176

Tritanomaly

166.4280, 0.7750, -15.2844

Monochromacy



Original Color

163.7470, -13.1863, -17.3181

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.7020, -4.7831, -5.8777

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.7470, -13.1863, -17.3181 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(144, 179, 137)` looks like.

```
.text, #text, p{  
    color:rgb(144, 179, 137)  
}
```

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(144, 179, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 179, 137) }
```

Border

The CSS property to change the border of an element to YUV 163.7470, -13.1863, -17.3181 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(144, 179, 137) }
```


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

```
.border{ border-color:rgb(144, 179, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 179, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 179, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 179, 137);  
box-shadow:4px 4px 4px 4px rgb(144, 179,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 163.7470, -13.1863, -17.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 179, 137) }
```

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

```
.background{ background-color: rgb(144,  
179, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor