

Converting Colors

YUV(159.2750, -17.3906,
-22.1662)

Have a look what the booklet for
YUV(159.2750, -17.3906, -22.1662)
contains.

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Color

**YUV(159.2750, -17.3906,
-22.1662)**

Conversions

Conversions Part 1

Format	Color
Hex	86B37C
RGB	134, 179, 124
RGB Percent	53%, 70%, 49%
CMY	0.4745, 0.2980, 0.5137
CMYK	0.25, 0.00, 0.31, 0.30
HSL	109°, 27%, 59%
HSV	109°, 31%, 70%
XYZ	29.5897, 38.7638, 24.9914
YIQ	159.2750, -9.1650, -26.6450

Conversions

Conversions Part 2

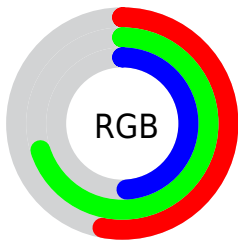
Format	Color
RYB	124, 179, 169
Decimal	8827772
CIELab	68.58, -25.69, 23.37
CIELCh	69, 34.735, 137.709
Yxy	38.7638, 0.3170, 0.4153
Android (android.graphics.Color)	4287017852 (0xFF86B37C)
YUV	159.2750, -17.3906, -22.1662
Hunter-Lab	62.2606, -24.1228, 19.7834

Details

The YUV color **159.2750, -17.3906, -22.1662** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **143.7250, 17.3906, 22.1662**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3350, -18.4062, -23.0958**, and **107.3290, -15.9382, -21.3365** is the 20% darker color. If you saturate the color by 10%, you get **152.7380, -23.0418, -29.5882**, and if you desaturate by 10%, it is **165.8120, -11.7393, -14.7441**.

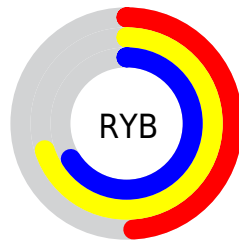
Distribution



Red (53%)

Green (70%)

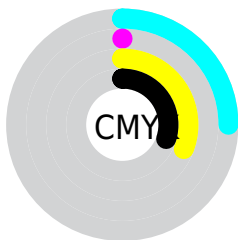
Blue (49%)



Red (49%)

Yellow (70%)

Blue (66%)

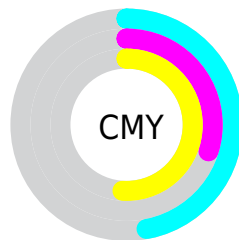


Cyan (25%)

Magenta (0%)

Yellow (31%)

Black (30%)



Cyan (47%)

Magenta (30%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.2750, -17.3906, -22.1662 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 159.2750, -17.3906, -22.1662 by changing the saturation by 10% instead.

■ 159.2750,
-17.3906, -22.1662

■ 159.2750,
-17.3906, -22.1662

■ 255.0000, 0.0000,
0.0000

■ 132.8020,
-16.6644, -21.7514

■ 214.3350,
-18.4062, -23.0958

■ 107.3290,
-15.9382, -21.3365

■ 237.5250,
-16.5278, -18.8774

■ 82.4430, -15.5014,
-21.4365

■ 249.5020, -8.1355,
-3.9483

■ 58.6710, -14.6278,
-21.6365

■ 34.1870, -13.8962,
-22.9660

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,

0.0000

■ 159.2750,
-17.3906, -22.1662

■ 159.2750,
-17.3906, -22.1662

■ 152.7380,
-23.0418, -29.5882

■ 165.8120,
-11.7393, -14.7441

■ 146.5000,
-28.8405, -36.3955

■ 172.0500, -5.9407,
-7.9369

■ 139.9630,
-34.4918, -43.8176

■ 178.5870, -0.2894,
-0.5148

■ 133.4260,
-40.1430, -51.2396

■ 185.1240, 5.3619,
6.9073

■ 127.3020,
-45.5049, -58.1469

■ 191.2480, 10.7237,
13.8145

■ 120.7650,
-51.1561, -65.5689

■ 197.7850, 16.3750,
21.2366

■ 114.9400,
-56.6654, -71.8614

■ 204.3220, 22.0263,
28.6586

■ 209.1920, 22.5833,
36.6656

■ 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.



163.4050, -27.8077, 5.7838



159.2750, -17.3906, -22.1662



153.2680, -0.1321, -51.1010

Triad

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



159.2750, -17.3906, -22.1662



158.6280, 34.2004, -49.6628



170.0990, -9.9088, 51.6562

Complementary

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



159.2750, -17.3906, -22.1662



143.7250, 17.3906, 22.1662

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.



171.9420, 4.9586, 43.0239



159.2750, -17.3906, -22.1662



167.8930, 29.1398, -13.0612

Square

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



159.2750, -17.3906, -22.1662



147.5720, 32.2560, -79.4316



171.7570, 18.8538, 19.5071



168.0370, -22.6962, 46.4486

Rectangle

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



159.2750, -17.3906, -22.1662



148.5890, 13.0206, -69.7996



171.7570, 18.8538, 19.5071



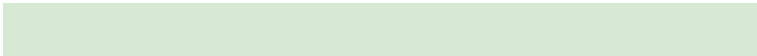
170.3530, -5.1040, 50.5564

Sweetspot

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



159.2750, -17.3906, -22.1662



224.5230, -6.6668, -8.3517



166.8600, -21.1300, 10.6468



112.5280, -4.2043, -4.8481



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.



159.2750, -17.3906, -22.1662



201.2660, -27.2461, -34.4363



158.2230, -8.4909, -30.0136



85.8810, -2.8993, -3.4036



98.1830, -48.4042, -61.5505



16.7570, -8.2612, -10.3109

Inverse Universe

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



143.7250, 17.3906, 22.1662



176.7340, 27.2461, 34.4363



144.7770, 8.4909, 30.0136



83.4180, 2.7519, 4.0184



54.8170, 48.4042, 61.5505



9.2430, 8.2612, 10.3109

Previews

White Background



This preview shows how the YUV color 159.2750, -17.3906, -22.1662 looks on a white background.

Color Contrast Check

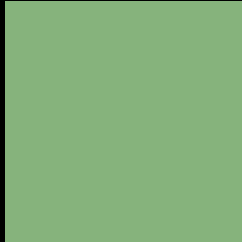
Large Text (above 18pt) WCAG AA × Fail

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 159.2750, -17.3906, -22.1662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

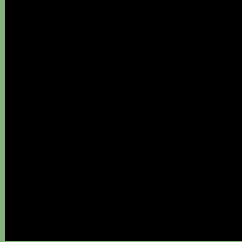
Any Text WCAG AA ✓ Pass

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 159.2750, -17.3906, -22.1662 Background



This preview shows how black text looks on a background with the YUV color 159.2750, -17.3906, -22.1662.



This preview shows how white text looks on a background with the YUV color 159.2750, -17.3906, -22.1662.

-22.1662.

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

159.2750, -17.3906, -22.1662

Protanopia

165.4150, -22.8826, 12.7910

Deuteranopia

167.1160, -19.2842, 25.3313



Tritanopia

164.5230, 10.0952, -17.9987

Trichromacy



Original Color

159.2750, -17.3906, -22.1662

Protanomaly

162.9080, -20.6606, 0.0807

Deuteranomaly

164.2340, -18.3564, 7.6878

Tritanomaly

162.5800, 0.2071, -19.8027

Monochromacy



Original Color

159.2750, -17.3906, -22.1662

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.9360, -6.3774, -7.8369

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.2750, -17.3906, -22.1662 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(134, 179, 124)` looks like.

```
.text, #text, p{  
    color:rgb(134, 179, 124)  
}
```

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(134, 179, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 179, 124) }
```

Border

The CSS property to change the border of an element to YUV 159.2750, -17.3906, -22.1662 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(134, 179, 124) }
```


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

```
.border{ border-color:rgb(134, 179, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 179, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 179, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 179, 124);  
box-shadow:4px 4px 4px 4px rgb(134, 179,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 159.2750, -17.3906, -22.1662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 179, 124) }
```

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

```
.background{ background-color: rgb(134,  
179, 124) }
```

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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